

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042224\  
 Data File : VX041189.D  
 Acq On : 22 Apr 2024 14:27  
 Operator : JC/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Quant Time: Apr 23 05:21:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042224W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 23 05:06:51 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John Carlone 04/23/2024  
 Supervised By :Mahesh Dadoda 04/23/2024

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 234554   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 323705   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 277778   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 135733   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 0.000  | 65    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 0.000%#  |
| 35) Dibromofluoromethane     | 0.000  | 113   | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 0.000%#  |
| 50) Toluene-d8               | 0.000  | 98    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 0.000%#  |
| 62) 4-Bromofluorobenzene     | 0.000  | 95    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 0.000%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 1983     | 1.069    | ug/l   | 100      |
| 3) Chloromethane             | 1.294  | 50    | 2340     | 1.165    | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.380  | 62    | 2123     | 1.057    | ug/l   | 93       |
| 6) Chloroethane              | 1.666  | 64    | 953      | 1.249    | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 1.855  | 101   | 3227     | 1.037    | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 1193     | 1.042    | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.312  | 101   | 1707     | 0.932    | ug/l # | 84       |
| 12) 1,1-Dichloroethene       | 2.306  | 96    | 1532     | 0.896    | ug/l # | 75       |
| 14) Allyl chloride           | 2.660  | 41    | 2837     | 1.022    | ug/l   | 96       |
| 15) Acrylonitrile            | 3.087  | 53    | 5235     | 5.122    | ug/l   | 97       |
| 16) Acetone                  | 2.392  | 43    | 4234     | 5.210    | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.495  | 76    | 3928     | 1.100    | ug/l   | 96       |
| 18) Methyl Acetate           | 2.715  | 43    | 2842     | 1.182    | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.123  | 73    | 6259     | 1.024    | ug/l   | 97       |
| 20) Methylene Chloride       | 2.782  | 84    | 2248     | 1.133    | ug/l # | 79       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 2012     | 1.065    | ug/l   | 83       |
| 22) Diisopropyl ether        | 3.769  | 45    | 6072     | 1.011    | ug/l # | 86       |
| 23) Vinyl Acetate            | 3.733  | 43    | 22789    | 4.437    | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 3308     | 0.986    | ug/l # | 92       |
| 25) 2-Butanone               | 4.592  | 43    | 6885     | 4.960    | ug/l # | 81       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 2627     | 0.926    | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 2332     | 0.996    | ug/l   | 86       |
| 28) Bromochloromethane       | 4.903  | 49    | 1411     | 1.108    | ug/l # | 74       |
| 29) Tetrahydrofuran          | 5.031  | 42    | 4836     | 5.114    | ug/l   | 97       |
| 30) Chloroform               | 5.086  | 83    | 3478     | 0.965    | ug/l   | 91       |
| 32) 1,1,1-Trichloroethane    | 5.373  | 97    | 2952     | 0.914    | ug/l # | 50       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 2696     | 1.070    | ug/l   | 95       |
| 37) Ethyl Acetate            | 4.739  | 43    | 2306     | 0.834    | ug/l # | 87       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 2663     | 0.946    | ug/l   | 92       |
| 39) Methylcyclohexane        | 7.372  | 83    | 3218     | 0.963    | ug/l   | 92       |
| 40) Benzene                  | 6.043  | 78    | 7707     | 0.990    | ug/l   | 98       |
| 41) Methacrylonitrile        | 4.952  | 41    | 1250m    | 0.869    | ug/l   |          |
| 42) 1,2-Dichloroethane       | 6.092  | 62    | 2645     | 0.980    | ug/l   | 98       |
| 43) Isopropyl Acetate        | 6.354  | 43    | 4206     | 0.945    | ug/l   | 96       |
| 44) Trichloroethene          | 7.129  | 130   | 2409     | 1.065    | ug/l   | 88       |
| 45) 1,2-Dichloropropane      | 7.433  | 63    | 1803     | 0.966    | ug/l # | 88       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042224\  
 Data File : VX041189.D  
 Acq On : 22 Apr 2024 14:27  
 Operator : JC/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Quant Time: Apr 23 05:21:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042224W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 23 05:06:51 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 04/23/2024  
 Supervised By : Mahesh Dadoda 04/23/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) Dibromomethane            | 7.592  | 93   | 1329     | 0.955  | ug/l # | 73       |
| 47) Bromodichloromethane      | 7.830  | 83   | 2096     | 0.817  | ug/l   | 86       |
| 48) Methyl methacrylate       | 7.714  | 41   | 1753     | 0.832  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 7.696  | 88   | 741      | 16.346 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone      | 8.586  | 43   | 13242    | 4.751  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 4912     | 1.002  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.988  | 75   | 2069     | 0.823  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.378  | 75   | 2402     | 0.840  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 1841     | 0.962  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 9.128  | 69   | 2396     | 0.819  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.317  | 76   | 3144     | 0.993  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.250  | 63   | 7007     | 4.922  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.445  | 43   | 10169    | 4.758  | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.525  | 129  | 1867     | 0.845  | ug/l   | 92       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 1868     | 0.910  | ug/l   | 95       |
| 64) Tetrachloroethene         | 9.275  | 164  | 2343     | 1.100  | ug/l # | 85       |
| 65) Chlorobenzene             | 10.079 | 112  | 5843     | 1.022  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 1715     | 0.876  | ug/l # | 66       |
| 67) Ethyl Benzene             | 10.195 | 91   | 8585     | 0.941  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 6934     | 1.883  | ug/l   | 93       |
| 69) o-Xylene                  | 10.640 | 106  | 3500     | 0.977  | ug/l   | 92       |
| 70) Styrene                   | 10.665 | 104  | 5307     | 0.911  | ug/l   | 91       |
| 71) Bromoform                 | 10.805 | 173  | 1256     | 0.750  | ug/l # | 92       |
| 73) Isopropylbenzene          | 10.963 | 105  | 8472     | 1.003  | ug/l   | 96       |
| 74) N-amyl acetate            | 10.854 | 43   | 2957     | 0.891  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 2778     | 1.043  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 2409m    | 1.102  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 2611     | 1.062  | ug/l   | 74       |
| 78) n-propylbenzene           | 11.305 | 91   | 8981     | 0.985  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 6189     | 1.072  | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 6805     | 0.969  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 6780     | 1.037  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 7138     | 0.949  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 6694     | 0.960  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 8032     | 0.924  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 6897     | 0.901  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 4790     | 1.085  | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 5151     | 1.137  | ug/l   | 81       |
| 89) n-Butylbenzene            | 12.335 | 91   | 4811     | 0.828  | ug/l   | 95       |
| 90) Hexachloroethane          | 12.542 | 117  | 1118     | 0.885  | ug/l   | 59       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 4698     | 1.062  | ug/l   | 93       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 497      | 0.889  | ug/l   | 69       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 2637     | 0.860  | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 1465     | 0.935  | ug/l   | 94       |
| 95) Naphthalene               | 13.780 | 128  | 8162     | 0.927  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 3232     | 1.001  | ug/l   | 93       |

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

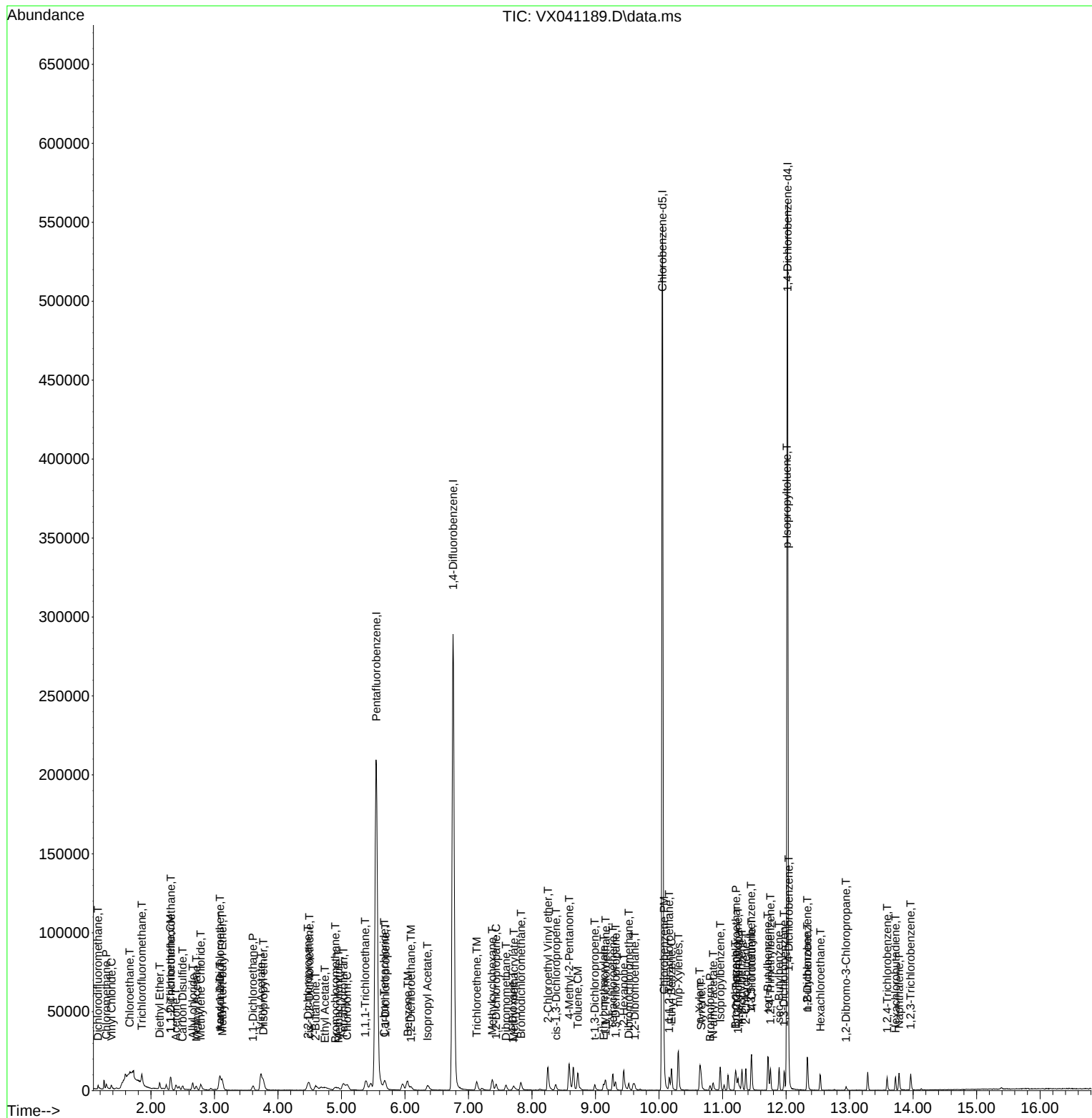
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042224\  
Data File : VX041189.D  
Acq On : 22 Apr 2024 14:27  
Operator : JC/MD  
Sample : VSTDIC001  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 13 Sample Multiplier: 1

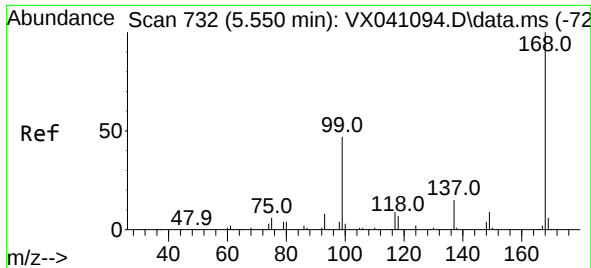
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024

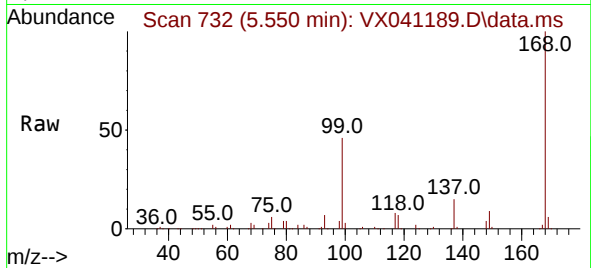
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042224W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 23 05:06:51 2024  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

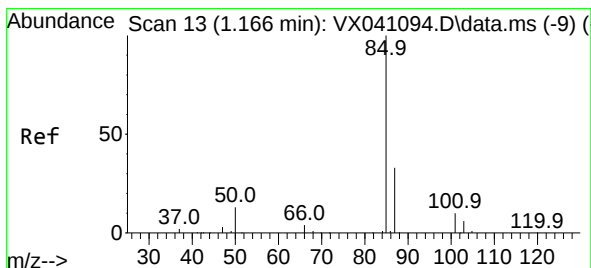
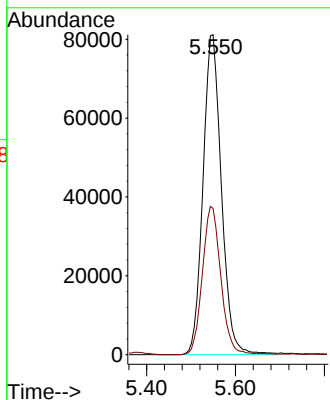
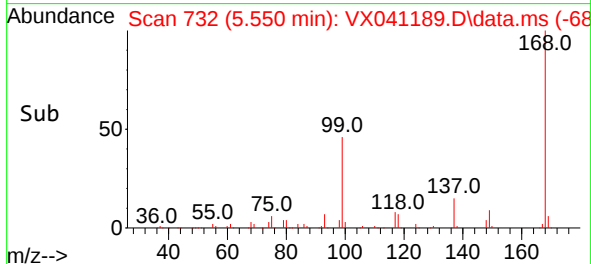
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion:168 Resp: 234554  
Ion Ratio Lower Upper  
168 100  
99 45.7 56.6 85.0

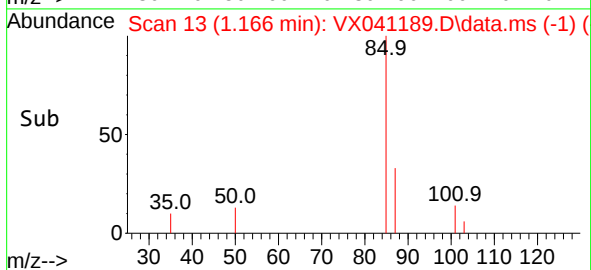
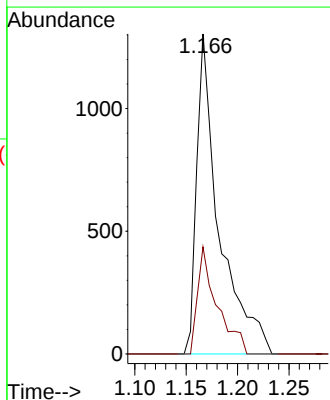
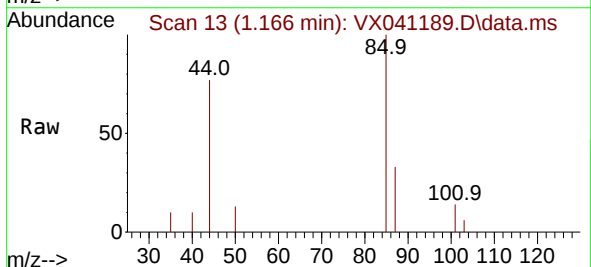
Manual Integrations  
APPROVED

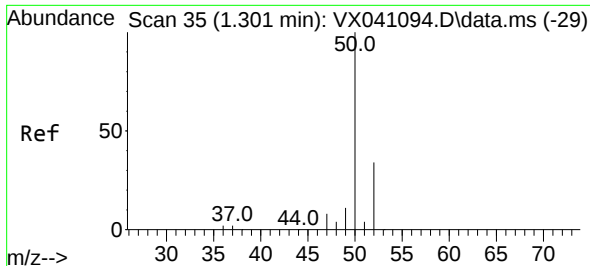
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#2  
Dichlorodifluoromethane  
Concen: 1.069 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Tgt Ion: 85 Resp: 1983  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.7 50.1





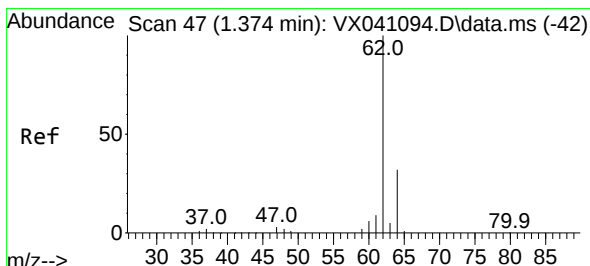
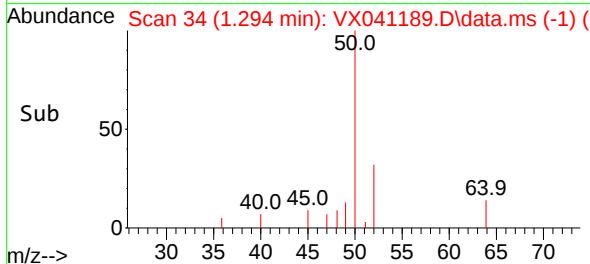
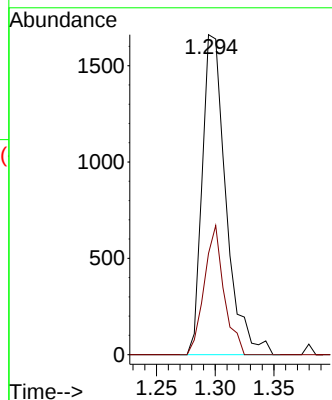
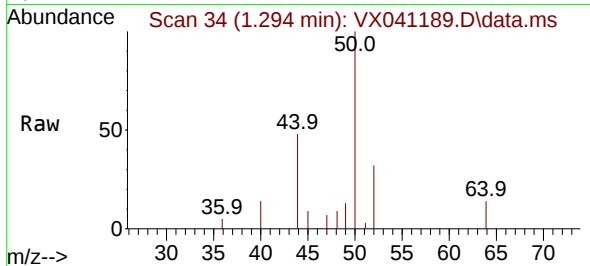
#3  
Chloromethane  
Concen: 1.165 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 50 Resp: 2340  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.5 38.3

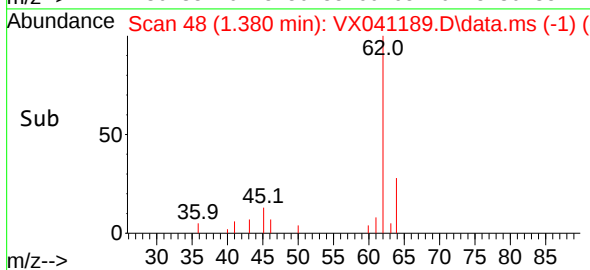
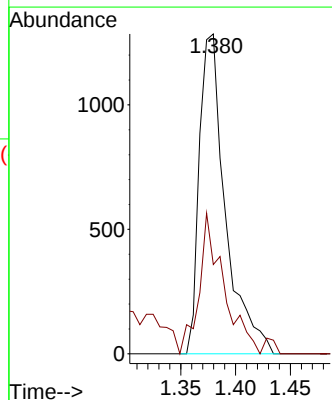
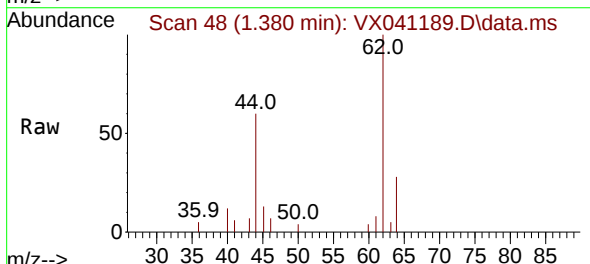
Manual Integrations  
APPROVED

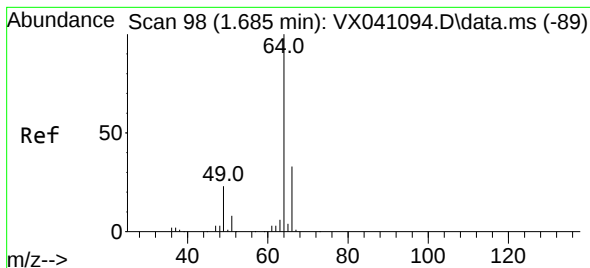
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#4  
Vinyl Chloride  
Concen: 1.057 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

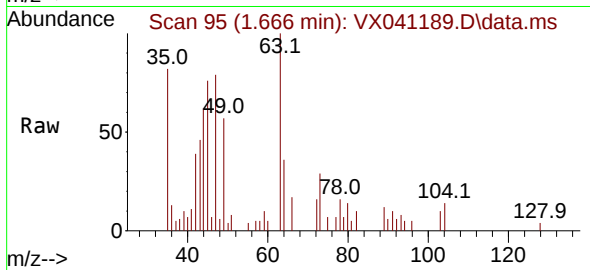
Tgt Ion: 62 Resp: 2123  
Ion Ratio Lower Upper  
62 100  
64 27.9 25.4 38.0





#6  
Chloroethane  
Concen: 1.249 ug/l  
RT: 1.666 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

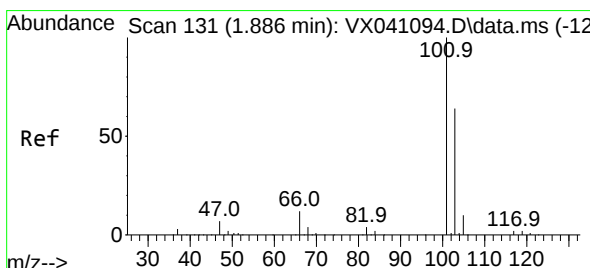
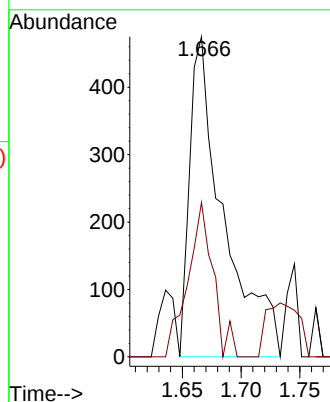
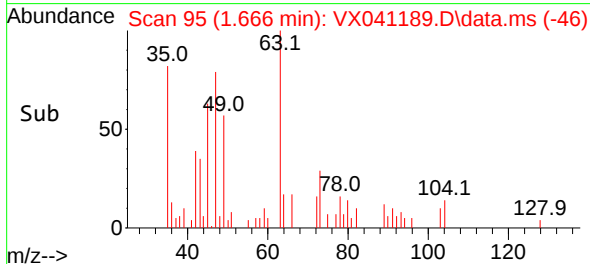
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion: 64 Resp: 95  
Ion Ratio Lower Upper  
64 100  
66 35.2 25.1 37.7

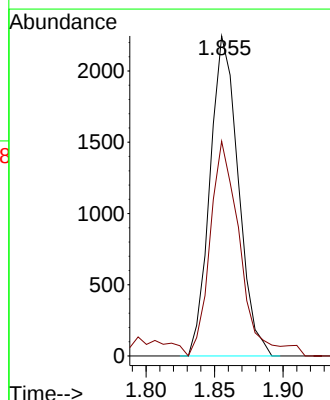
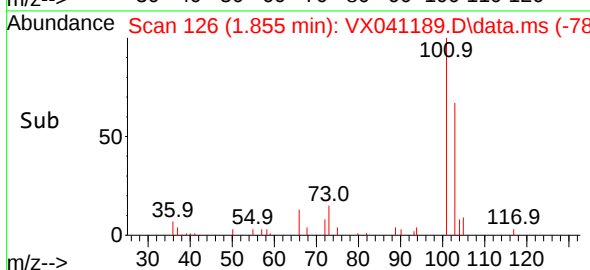
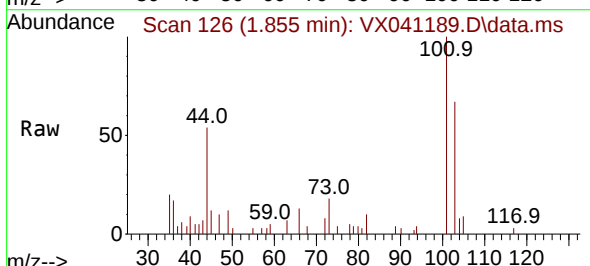
Manual Integrations  
APPROVED

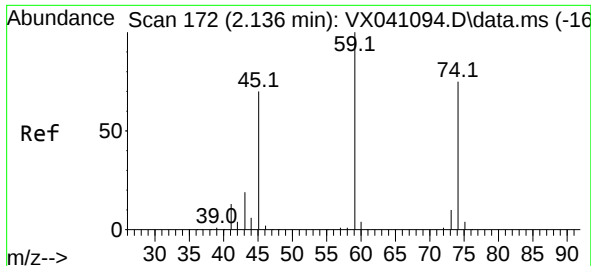
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#7  
Trichlorofluoromethane  
Concen: 1.037 ug/l  
RT: 1.855 min Scan# 126  
Delta R.T. -0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

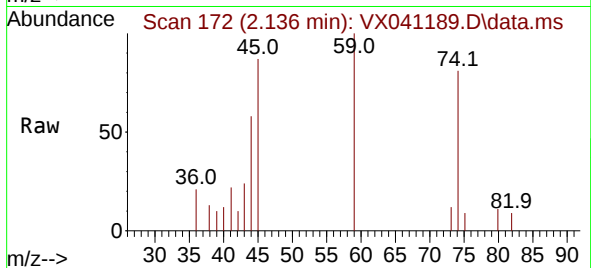
Tgt Ion:101 Resp: 3227  
Ion Ratio Lower Upper  
101 100  
103 64.1 51.4 77.2





#8  
Diethyl Ether  
Concen: 1.042 ug/l  
RT: 2.136 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

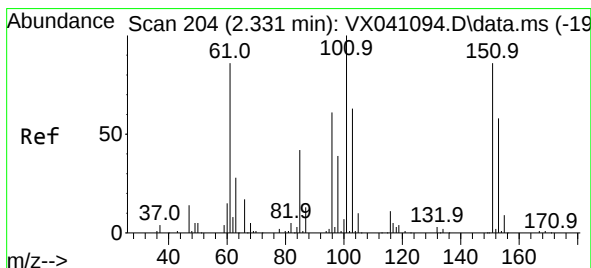
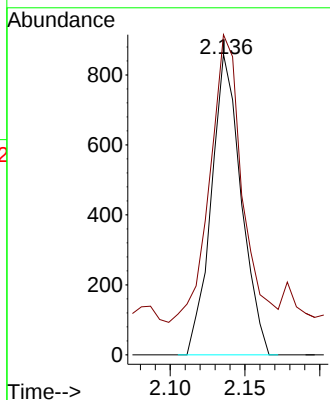
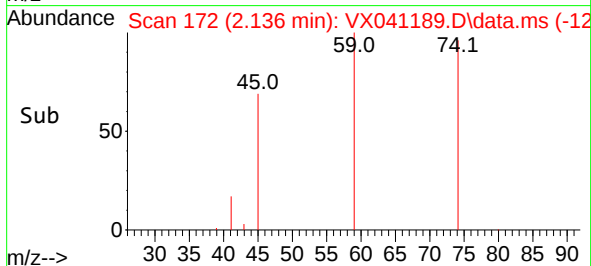
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



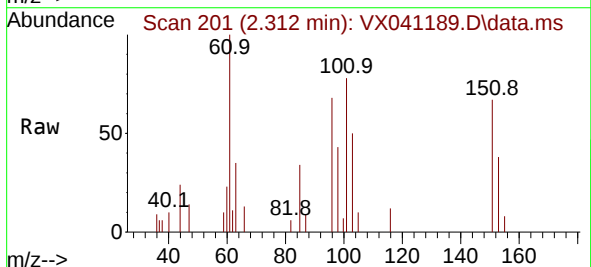
Tgt Ion: 74 Resp: 119  
Ion Ratio Lower Upper  
74 100  
45 102.2 53.3 159.8

Manual Integrations  
APPROVED

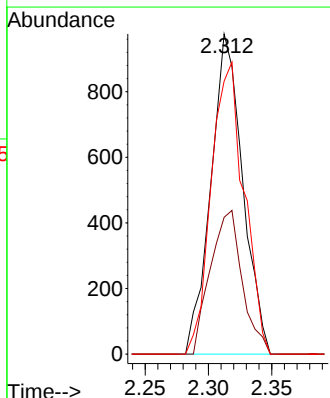
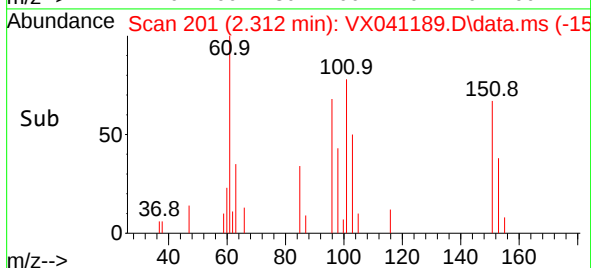
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024

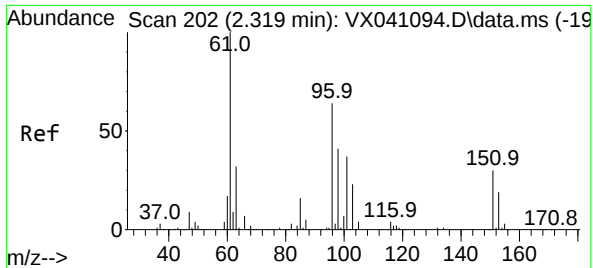


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.932 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27



Tgt Ion:101 Resp: 1707  
Ion Ratio Lower Upper  
101 100  
85 45.0 37.0 55.6  
151 94.0 58.6 87.8#





#12

1,1-Dichloroethene

Concen: 0.896 ug/l

RT: 2.306 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

Tgt Ion: 96 Resp: 153

Ion Ratio Lower Upper

96 100

61 141.4 144.6 216.8

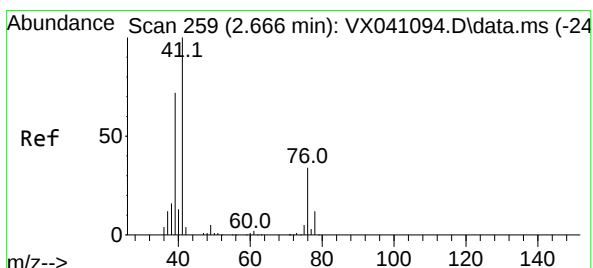
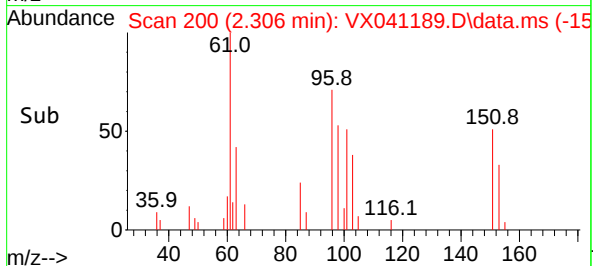
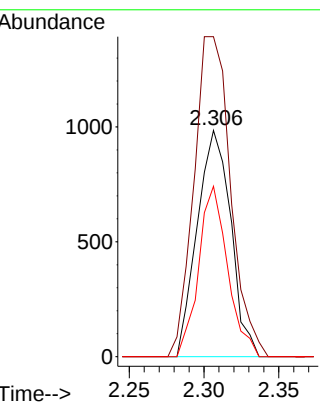
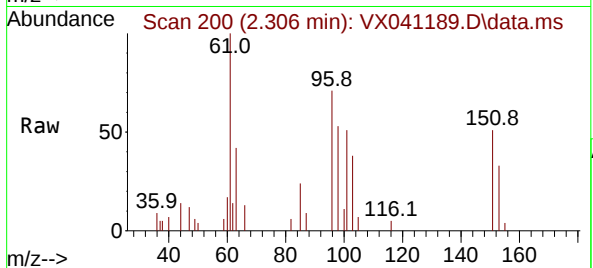
98 75.3 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#14

Allyl chloride

Concen: 1.022 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

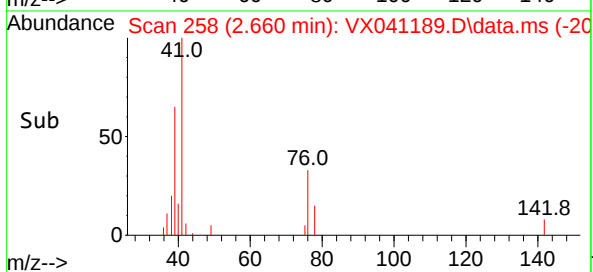
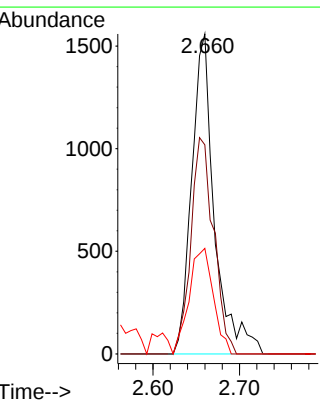
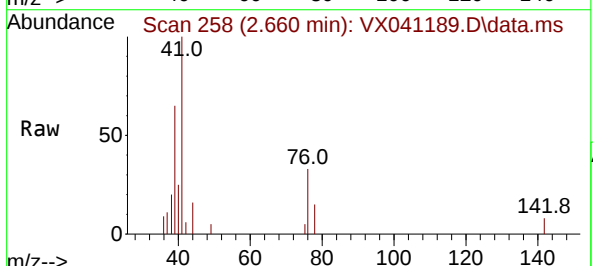
Tgt Ion: 41 Resp: 2837

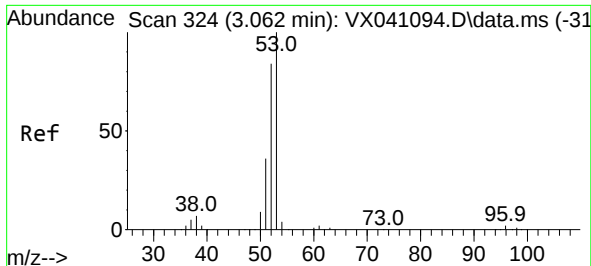
Ion Ratio Lower Upper

41 100

39 67.9 55.8 83.6

76 35.2 24.3 36.5





#15

Acrylonitrile

Concen: 5.122 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

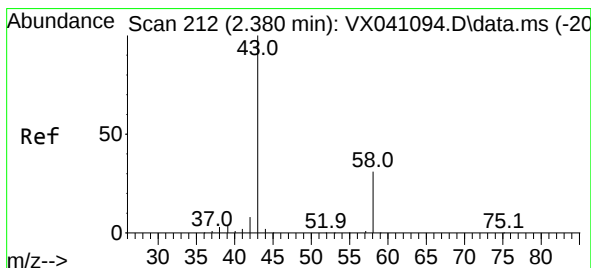
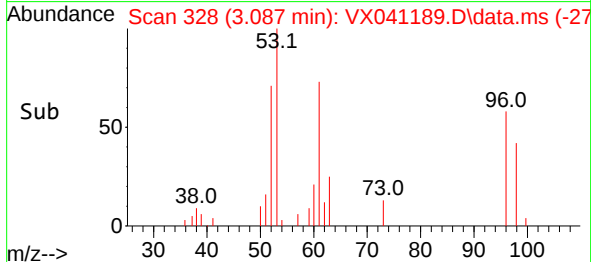
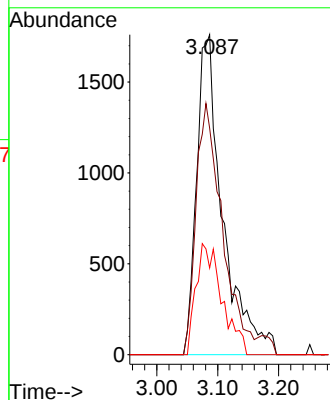
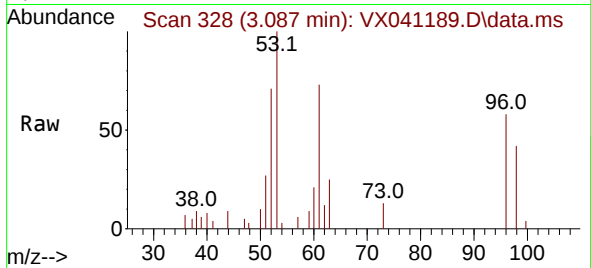
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 523   |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 79.8     | 66.0 99.0   |
| 51 34.5     | 29.8 44.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#16

Acetone

Concen: 5.210 ug/l

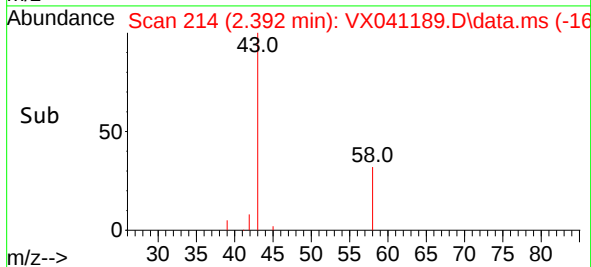
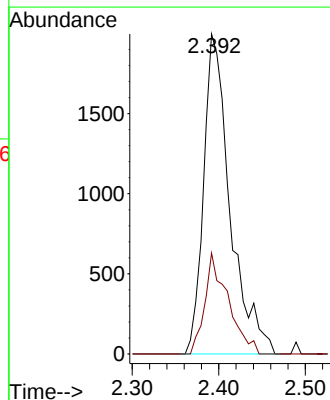
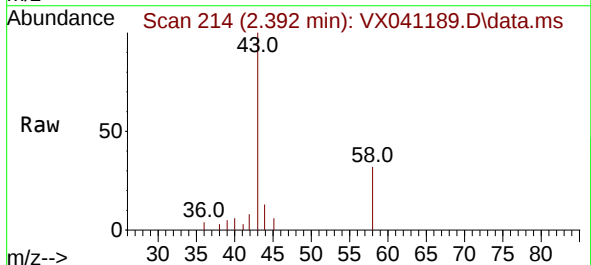
RT: 2.392 min Scan# 214

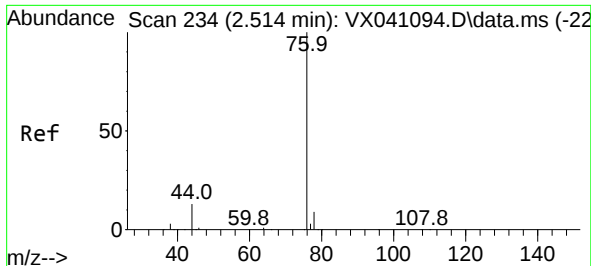
Delta R.T. -0.006 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 4234  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 31.5     | 21.9 32.9   |





#17

Carbon Disulfide

Concen: 1.100 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 3928

Ion Ratio Lower Upper

76 100

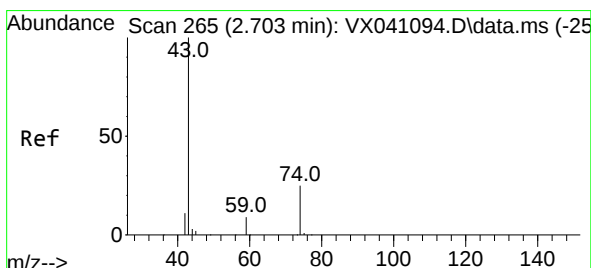
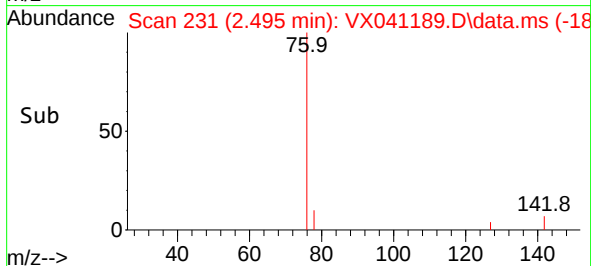
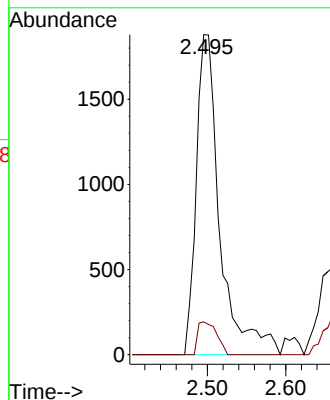
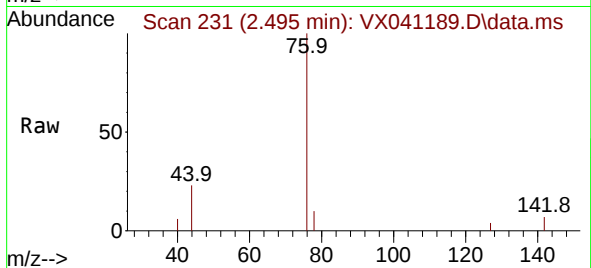
78 10.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#18

Methyl Acetate

Concen: 1.182 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX041189.D

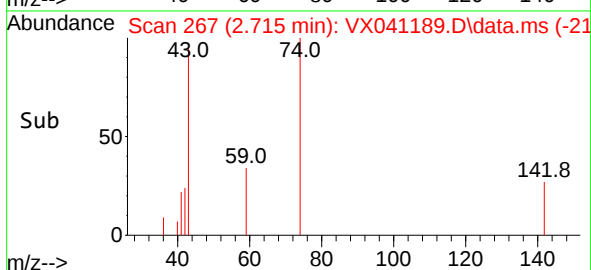
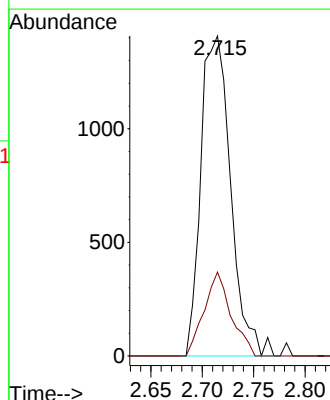
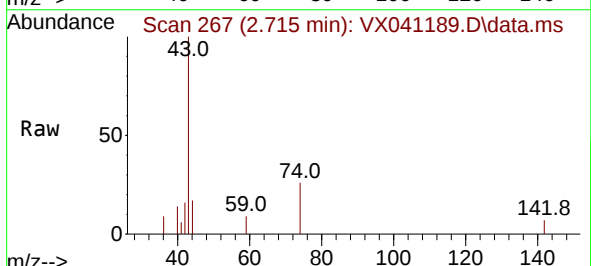
Acq: 22 Apr 2024 14:27

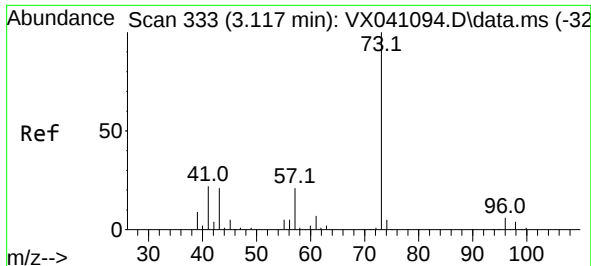
Tgt Ion: 43 Resp: 2842

Ion Ratio Lower Upper

43 100

74 23.6 17.8 26.8





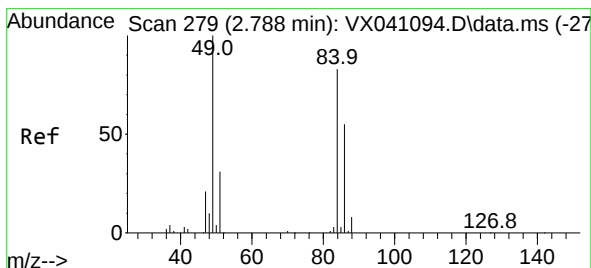
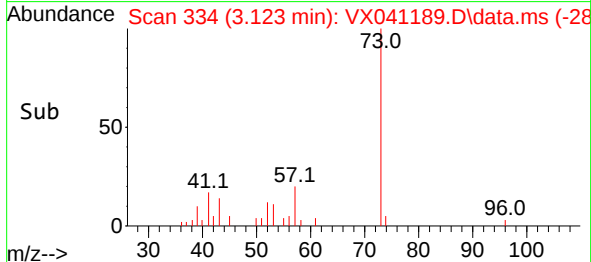
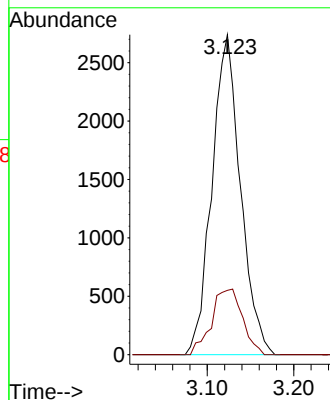
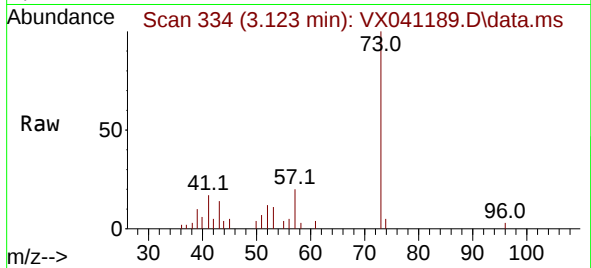
#19  
Methyl tert-butyl Ether  
Concen: 1.024 ug/l  
RT: 3.123 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 73 Resp: 6259  
Ion Ratio Lower Upper  
73 100  
57 20.1 17.3 25.9

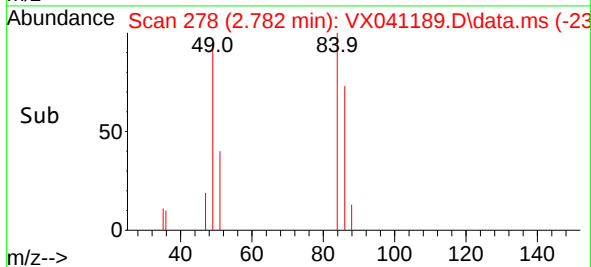
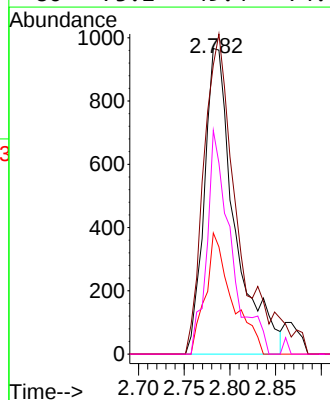
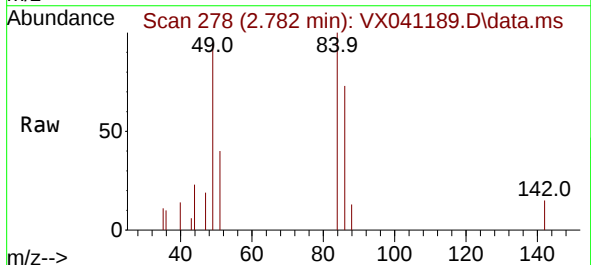
Manual Integrations  
APPROVED

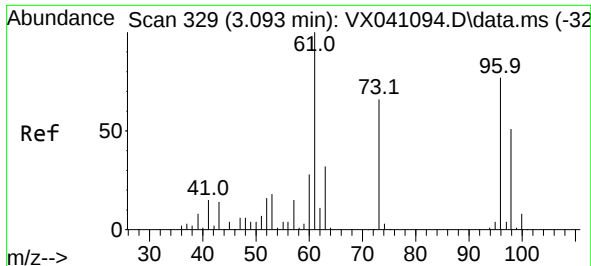
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#20  
Methylene Chloride  
Concen: 1.133 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

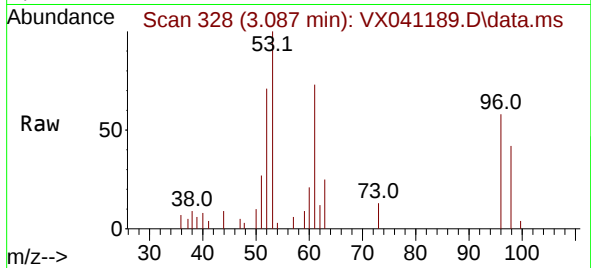
Tgt Ion: 84 Resp: 2248  
Ion Ratio Lower Upper  
84 100  
49 94.6 103.6 155.4#  
51 39.6 33.8 50.6  
86 73.2 49.4 74.0





#21  
trans-1,2-Dichloroethene  
Concen: 1.065 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

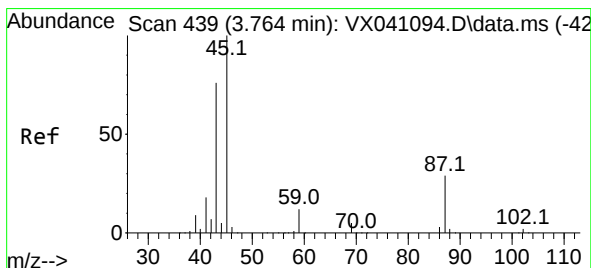
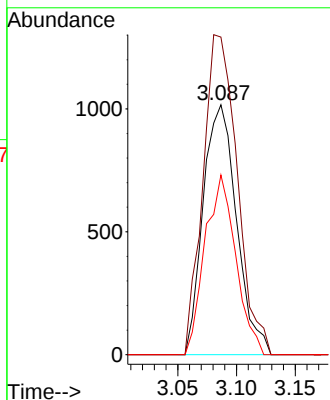
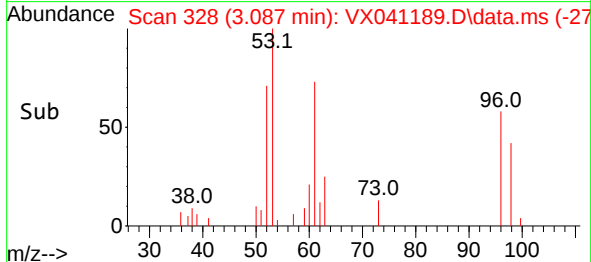
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



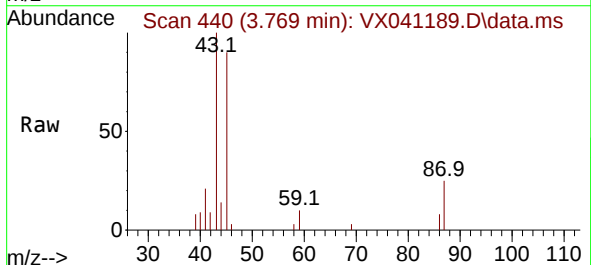
Tgt Ion: 96 Resp: 201  
Ion Ratio Lower Upper  
96 100  
61 127.0 119.2 178.8  
98 71.9 48.7 73.1

Manual Integrations  
APPROVED

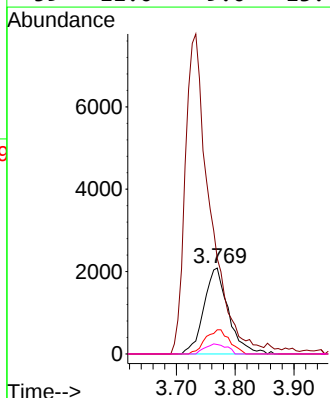
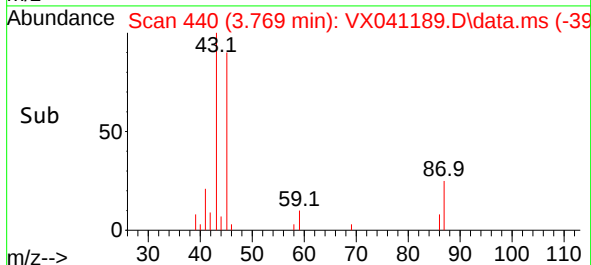
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024

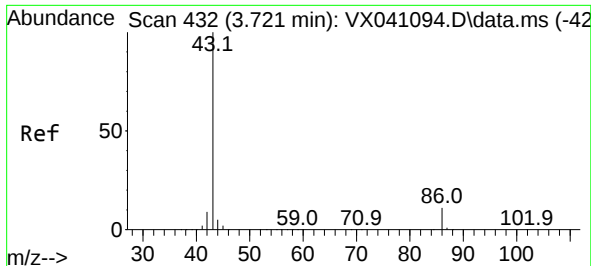


#22  
Diisopropyl ether  
Concen: 1.011 ug/l  
RT: 3.769 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27



Tgt Ion: 45 Resp: 6072  
Ion Ratio Lower Upper  
45 100  
43 105.0 69.7 104.5#  
87 28.1 20.8 31.2  
59 11.0 9.0 13.4





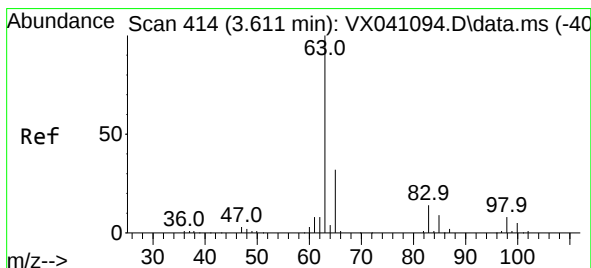
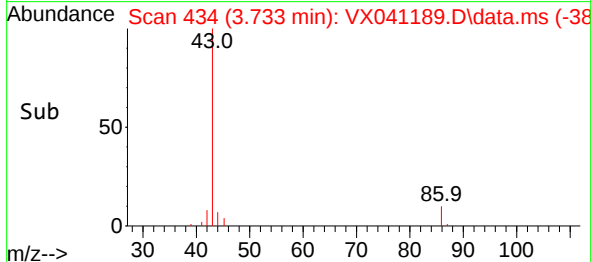
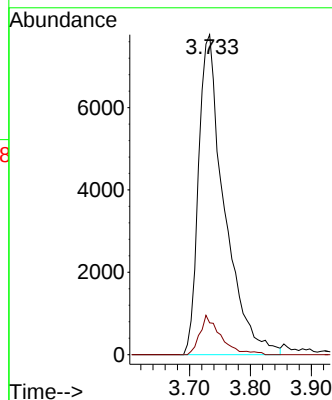
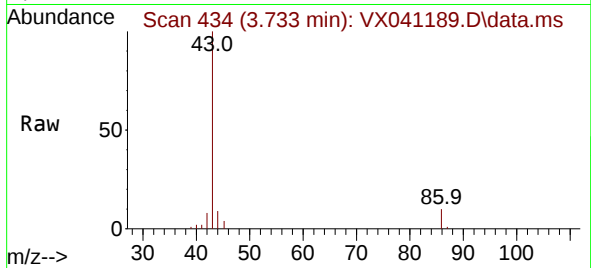
#23  
 Vinyl Acetate  
 Concen: 4.437 ug/l  
 RT: 3.733 min Scan# 413  
 Delta R.T. 0.012 min  
 Lab File: VX041189.D  
 Acq: 22 Apr 2024 14:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Tgt Ion: 43 Resp: 22789  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 7.8 11.8

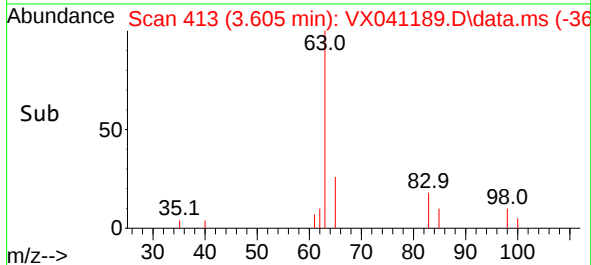
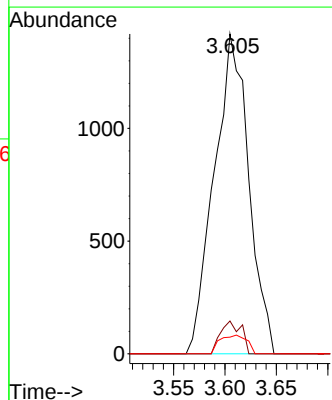
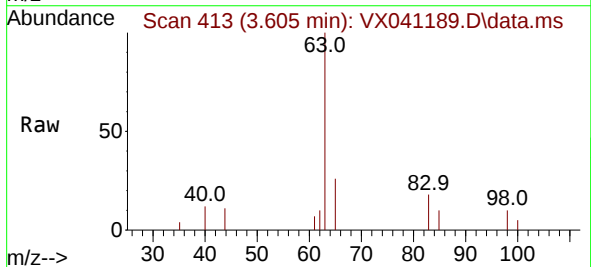
Manual Integrations  
 APPROVED

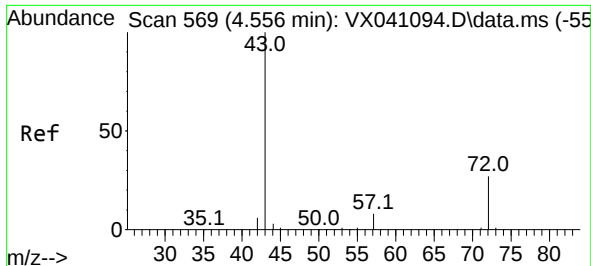
Reviewed By :John Carlone 04/23/2024  
 Supervised By :Mahesh Dadoda 04/23/2024



#24  
 1,1-Dichloroethane  
 Concen: 0.986 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX041189.D  
 Acq: 22 Apr 2024 14:27

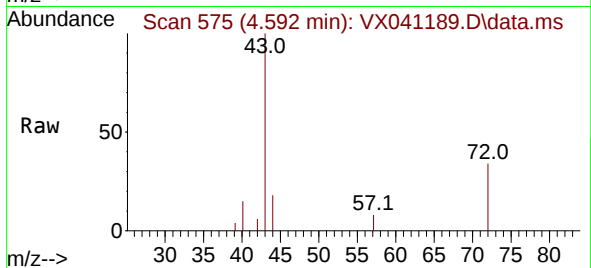
Tgt Ion: 63 Resp: 3308  
 Ion Ratio Lower Upper  
 63 100  
 98 10.3 3.3 9.8#  
 100 5.2 2.1 6.5





#25  
2-Butanone  
Concen: 4.960 ug/l  
RT: 4.592 min Scan# 51  
Delta R.T. 0.024 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

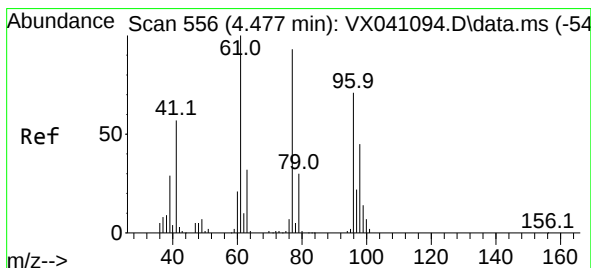
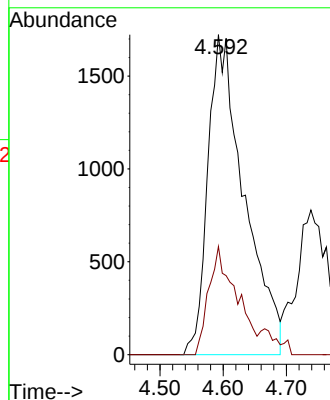
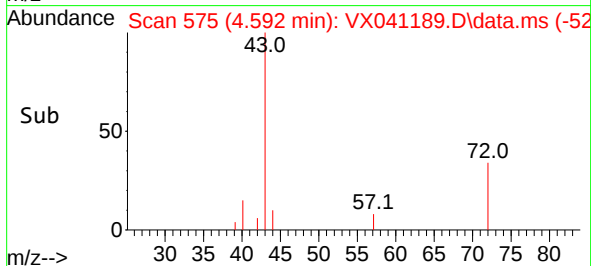
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion: 43 Resp: 688  
Ion Ratio Lower Upper  
43 100  
72 33.8 19.4 29.2

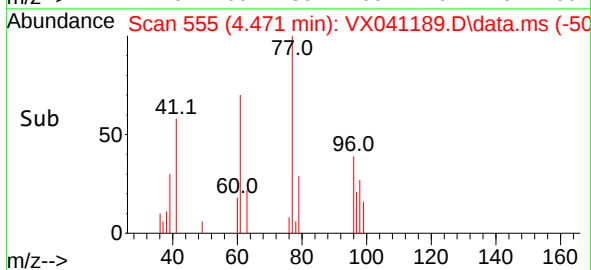
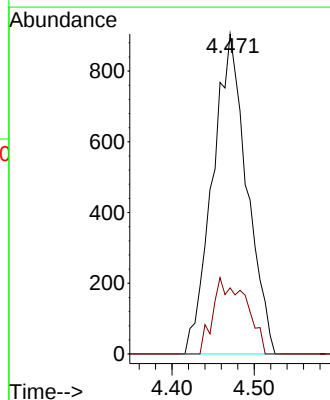
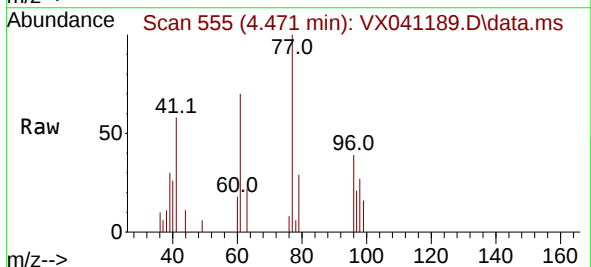
Manual Integrations  
APPROVED

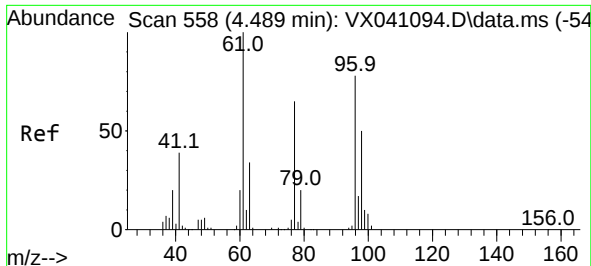
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#26  
2,2-Dichloropropane  
Concen: 0.926 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Tgt Ion: 77 Resp: 2627  
Ion Ratio Lower Upper  
77 100  
97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.996 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 233

Ion Ratio Lower Upper

96 100

61 132.2 0.0 312.2

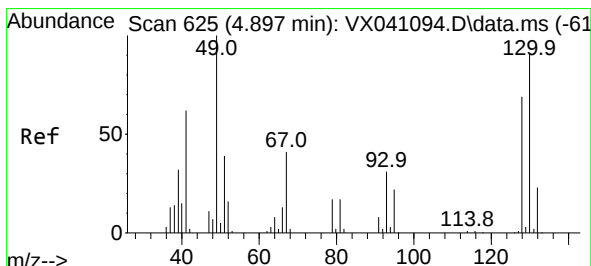
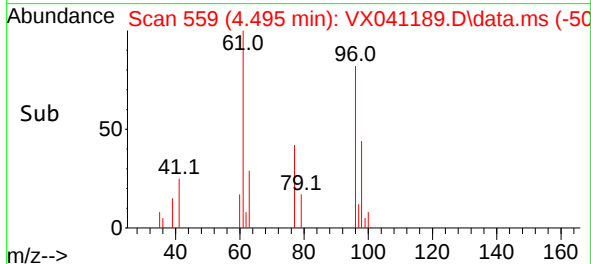
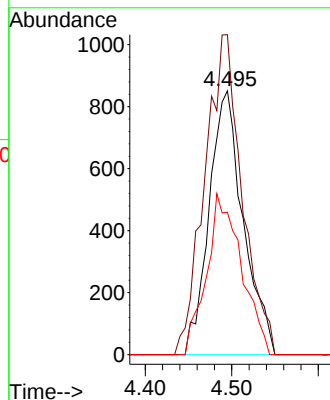
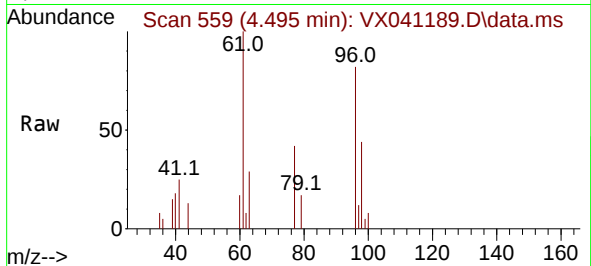
98 62.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#28

Bromochloromethane

Concen: 1.108 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

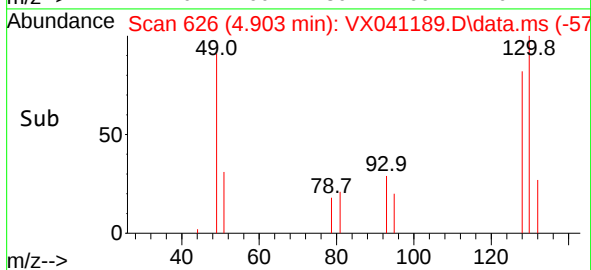
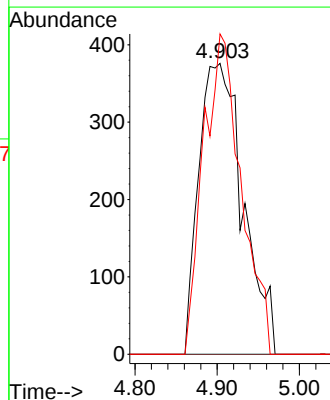
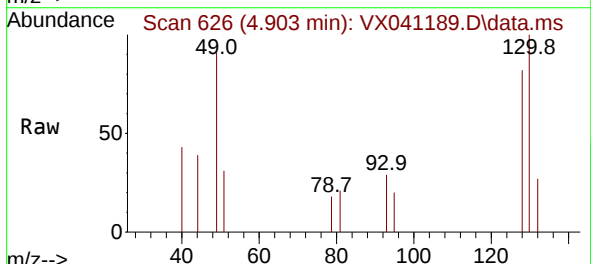
Tgt Ion: 49 Resp: 1411

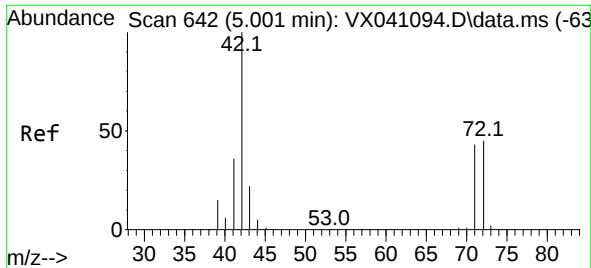
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 93.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 5.114 ug/l

RT: 5.031 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

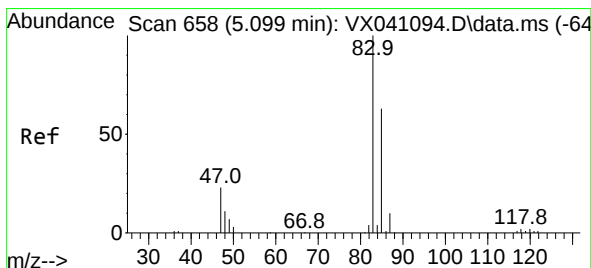
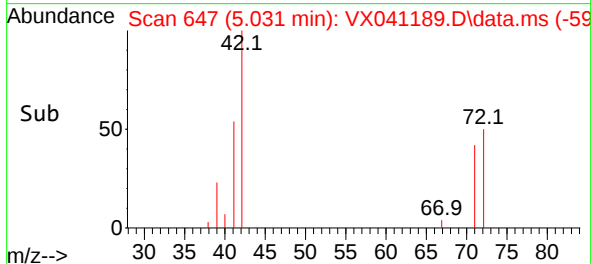
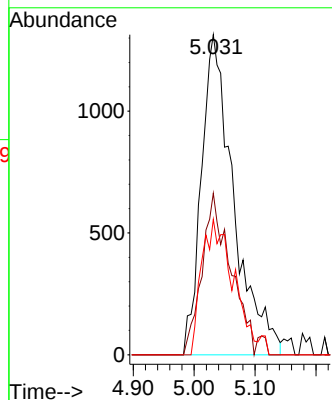
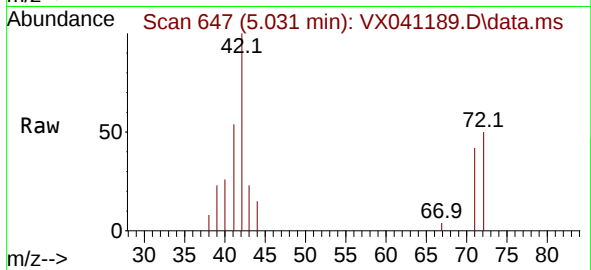
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 4830 |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 44.8  | 34.2  | 51.4 |
| 71        | 41.4  | 32.2  | 48.2 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#30

Chloroform

Concen: 0.965 ug/l

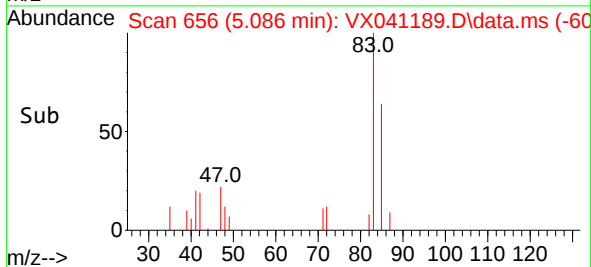
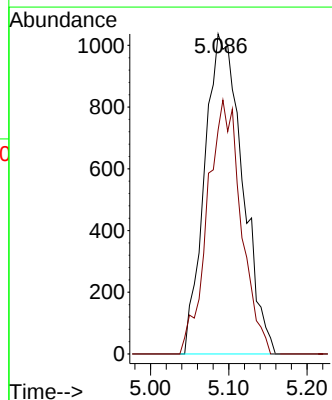
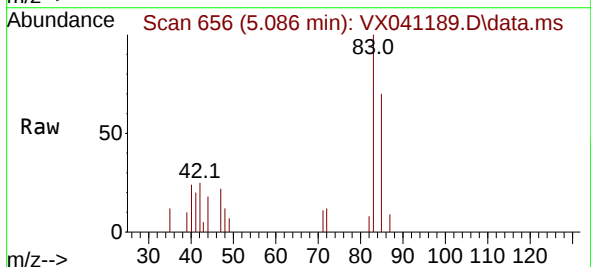
RT: 5.086 min Scan# 656

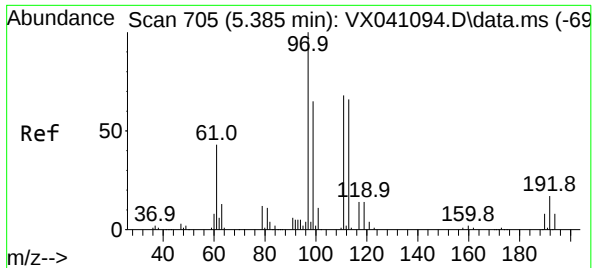
Delta R.T. -0.006 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 83    | Resp: | 3478 |
| Ion Ratio | Lower | Upper |      |
| 83        | 100   |       |      |
| 85        | 70.0  | 50.3  | 75.5 |





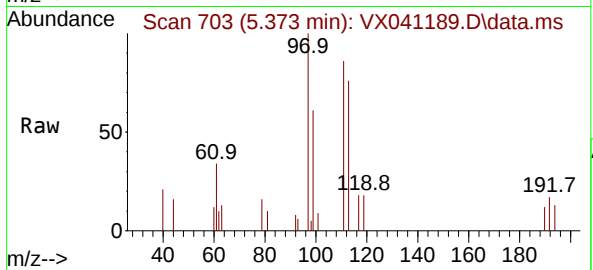
#32  
 1,1,1-Trichloroethane  
 Concen: 0.914 ug/l  
 RT: 5.373 min Scan# 705  
 Delta R.T. -0.006 min  
 Lab File: VX041189.D  
 Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001



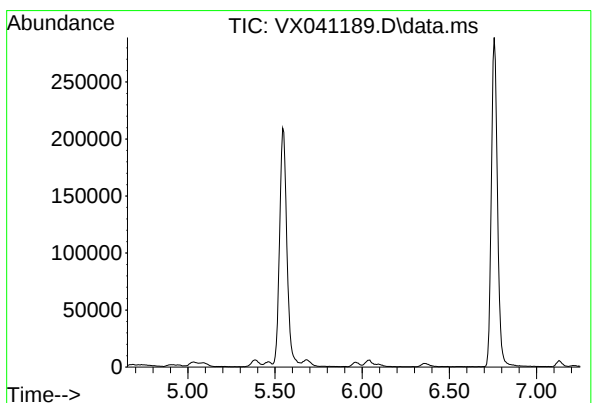
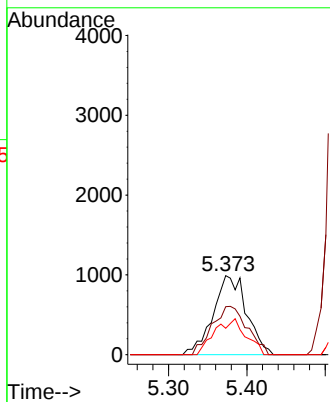
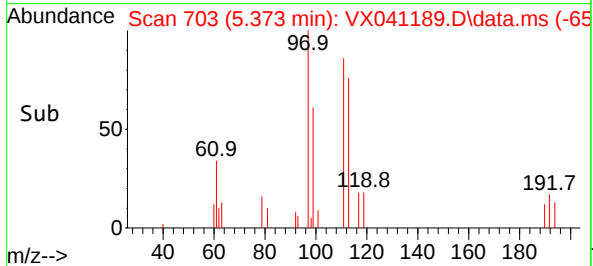
| Tgt Ion: | 97    | Resp: | 295   |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 0.0   | 51.1  | 76.7  |
| 61       | 42.3  | 36.4  | 54.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

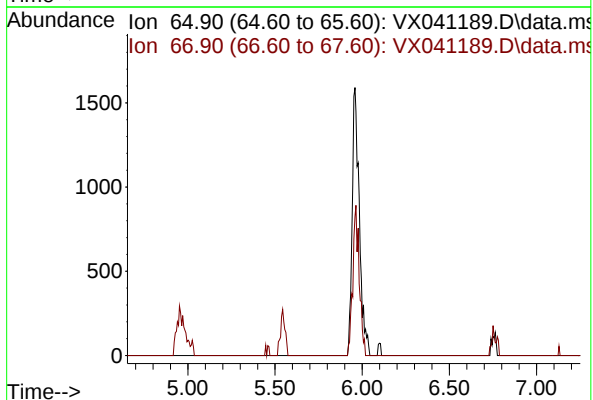
Supervised By :Mahesh Dadoda 04/23/2024

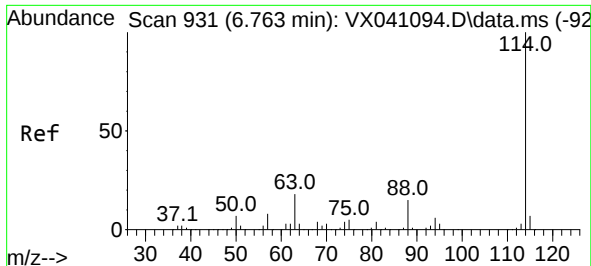


#33  
 1,2-Dichloroethane-d4  
 Concen: 0.000 ug/l  
 Expected RT: 5.95 min

Lab File: VX041189.D  
 Acq: 22 Apr 2024 14:27

| Tgt Ion: | 65        |
|----------|-----------|
| Sig      | Exp Ratio |
| 65       | 100       |
| 67       | 50.1      |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 32370

Ion Ratio Lower Upper

114 100

63 17.8 0.0 45.0

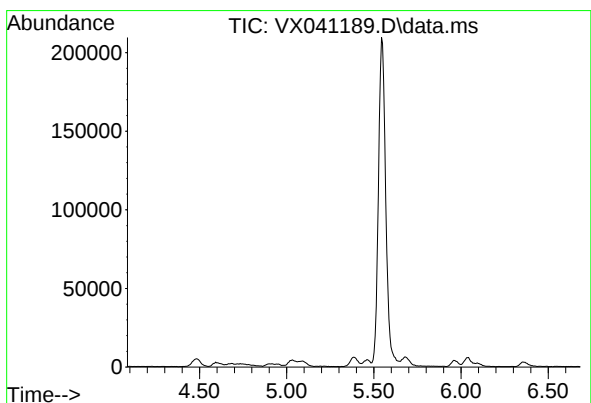
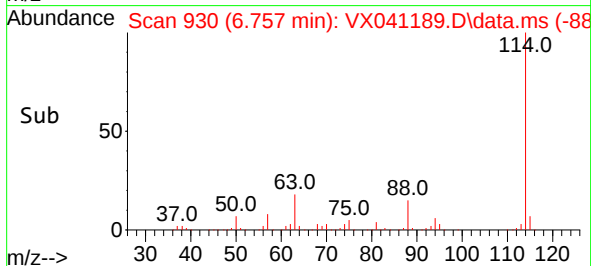
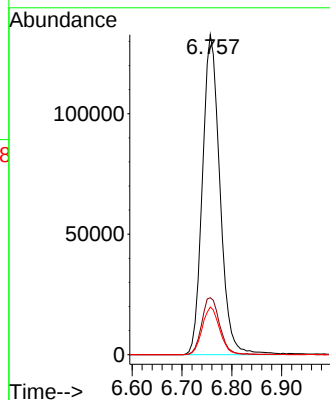
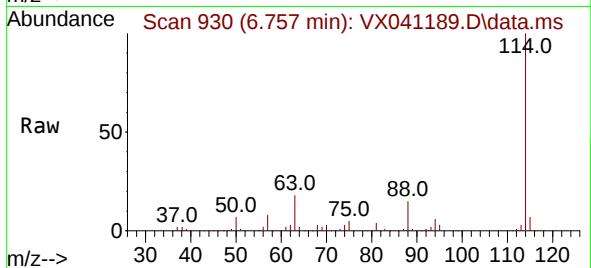
88 14.9 0.0 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.39 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

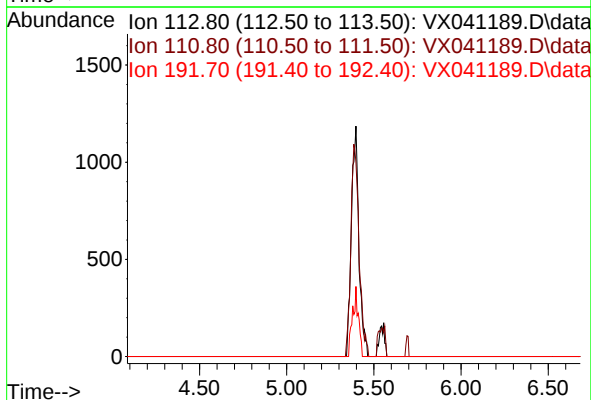
Tgt Ion: 113

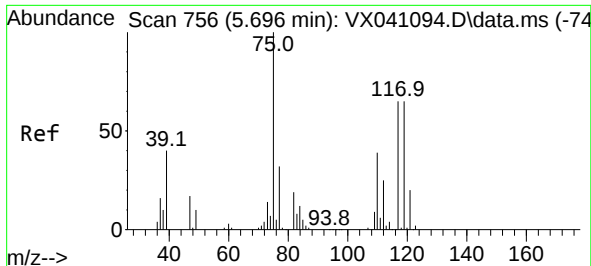
Sig Exp Ratio

113 100

111 103.6

192 16.6





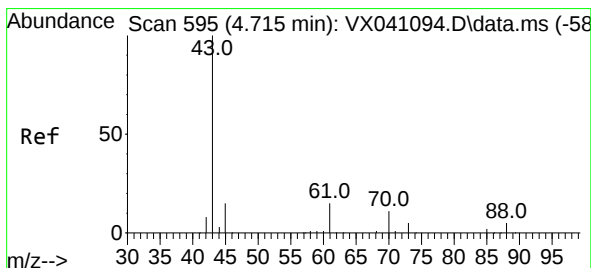
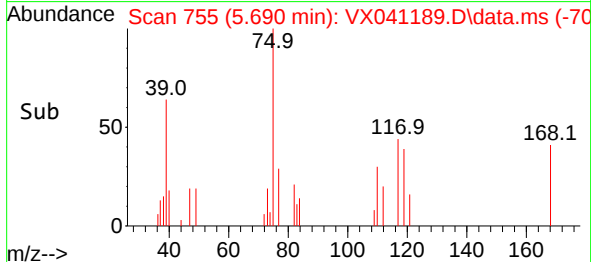
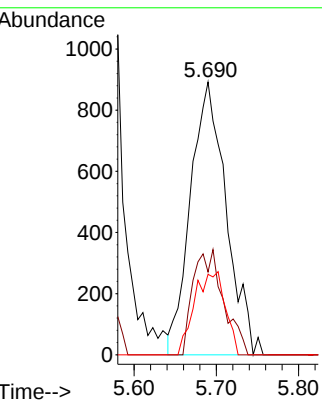
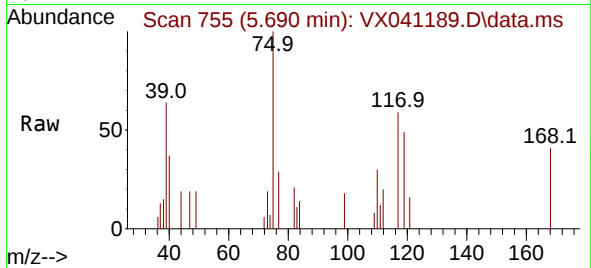
#36  
1,1-Dichloropropene  
Concen: 1.070 ug/l  
RT: 5.690 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 75 Resp: 2690  
Ion Ratio Lower Upper  
75 100  
110 32.6 17.0 50.9  
77 26.1 24.7 37.1

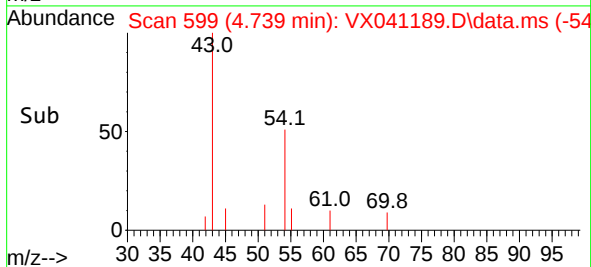
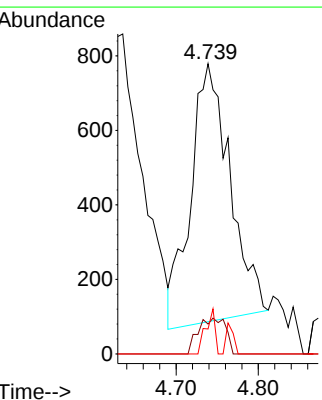
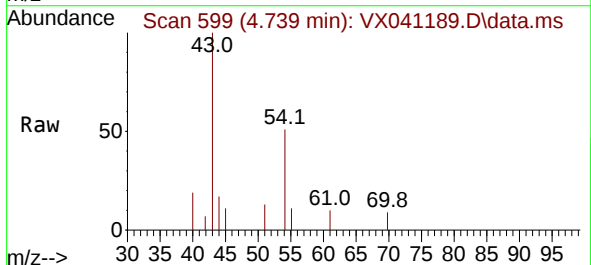
Manual Integrations  
APPROVED

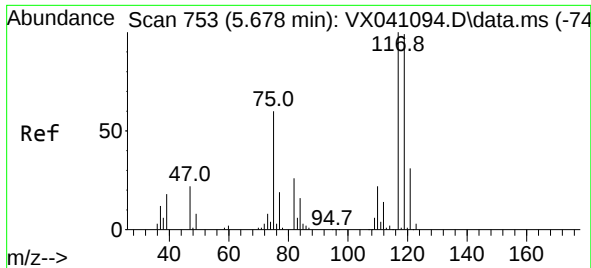
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#37  
Ethyl Acetate  
Concen: 0.834 ug/l  
RT: 4.739 min Scan# 599  
Delta R.T. 0.018 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Tgt Ion: 43 Resp: 2306  
Ion Ratio Lower Upper  
43 100  
61 9.6 10.6 16.0#  
70 4.1 8.3 12.5#





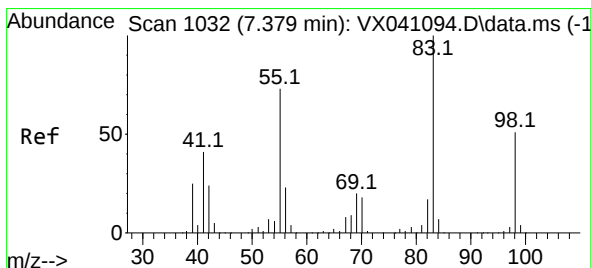
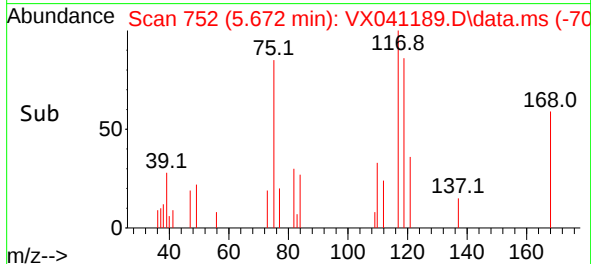
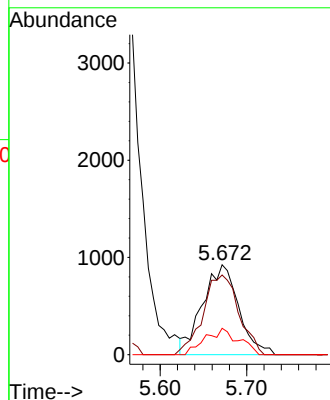
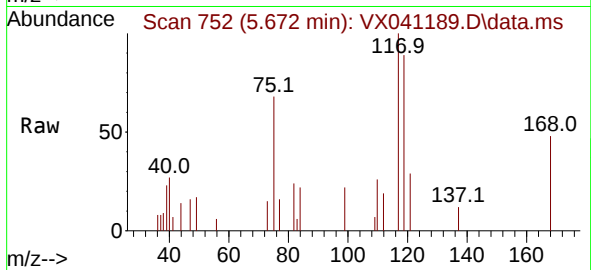
#38  
Carbon Tetrachloride  
Concen: 0.946 ug/l  
RT: 5.672 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 117 Resp: 266  
Ion Ratio Lower Upper  
117 100  
119 88.6 78.2 117.2  
121 29.3 24.4 36.6

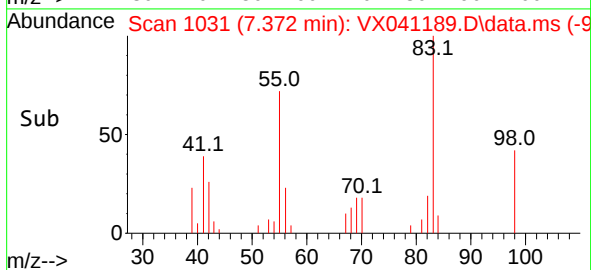
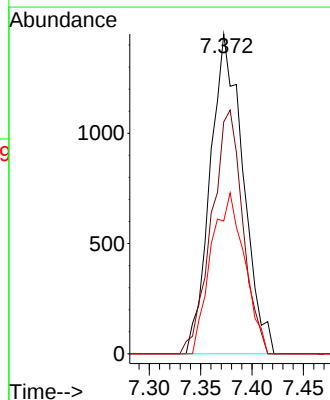
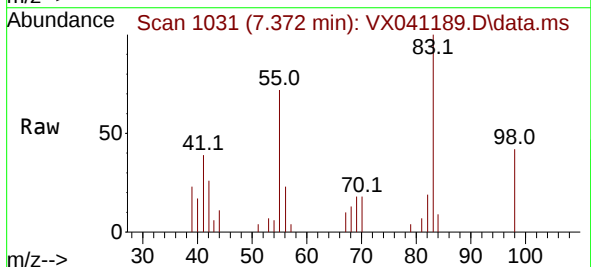
Manual Integrations  
APPROVED

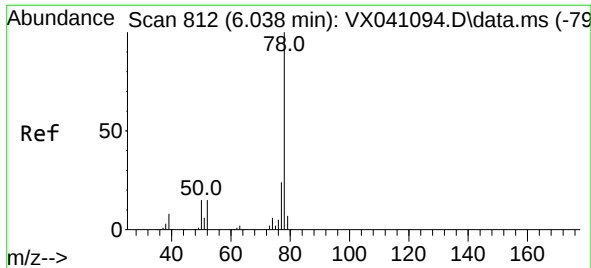
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#39  
Methylcyclohexane  
Concen: 0.963 ug/l  
RT: 7.372 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Tgt Ion: 83 Resp: 3218  
Ion Ratio Lower Upper  
83 100  
55 72.5 64.6 97.0  
98 41.5 36.7 55.1





#40

Benzene

Concen: 0.990 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

Tgt Ion: 78 Resp: 770

Ion Ratio Lower Upper

78 100

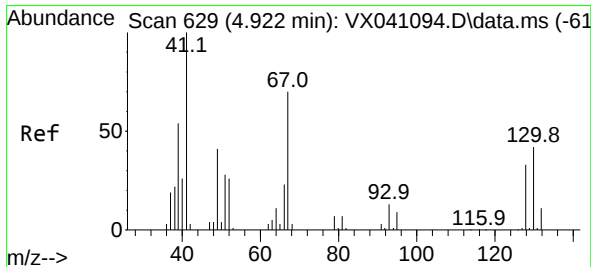
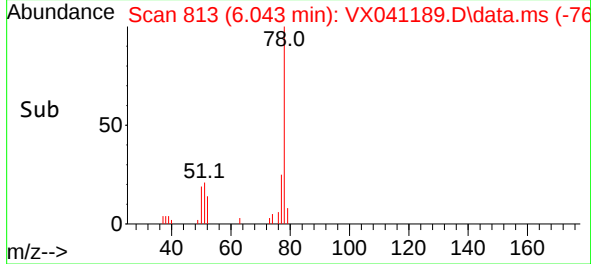
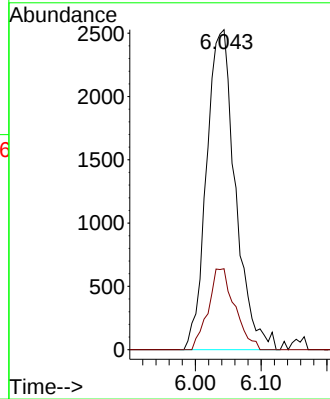
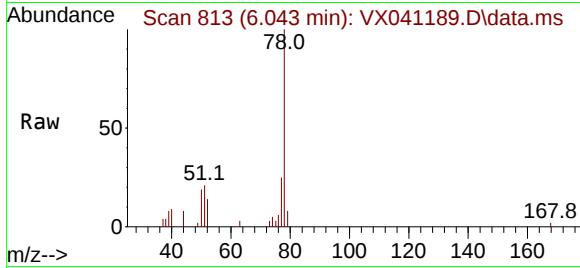
77 25.3 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#41

Methacrylonitrile

Concen: 0.869 ug/l m

RT: 4.952 min Scan# 634

Delta R.T. 0.024 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Tgt Ion: 41 Resp: 1250

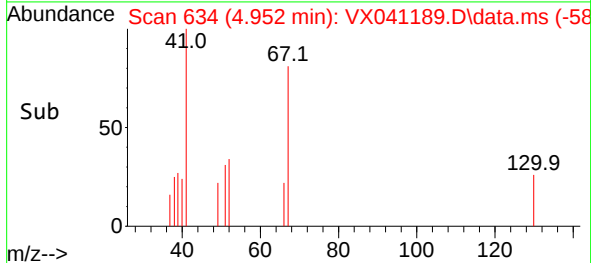
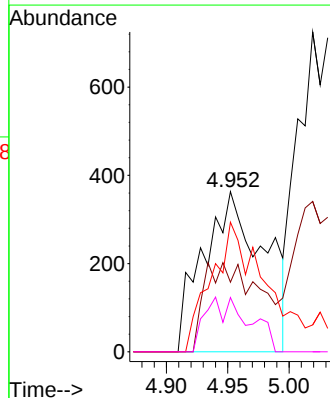
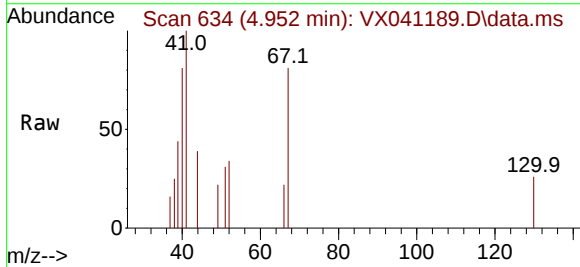
Ion Ratio Lower Upper

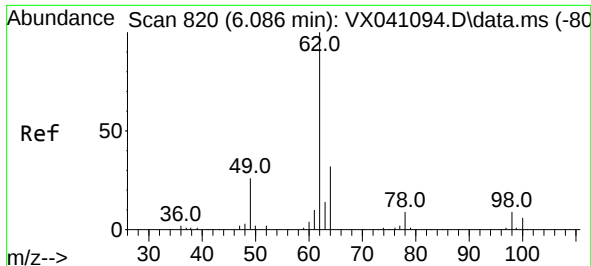
41 100

39 49.7 45.2 67.8

67 71.9 52.6 78.8

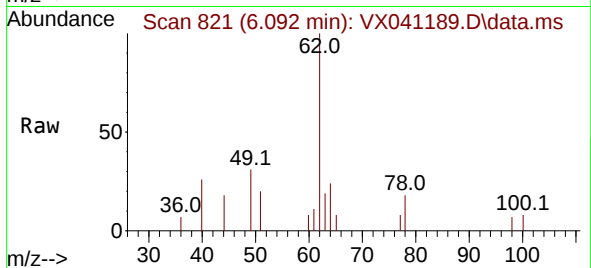
52 10.6 22.7 34.1#





#42  
1,2-Dichloroethane  
Concen: 0.980 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

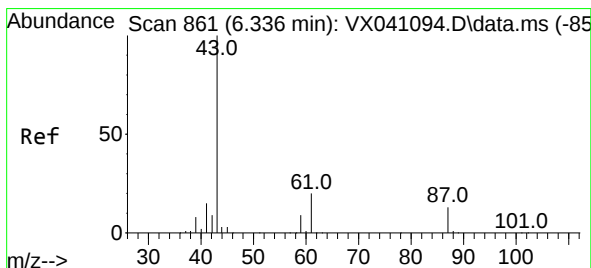
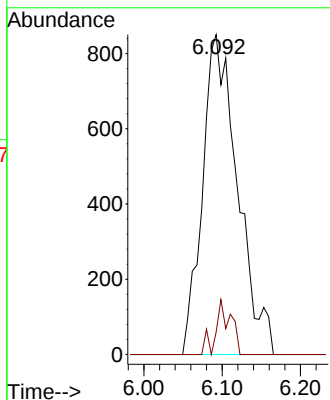
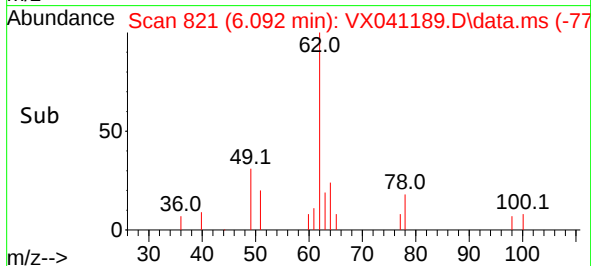
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



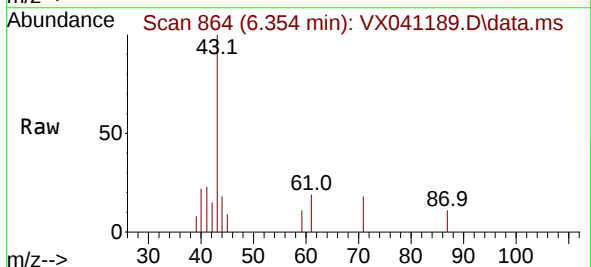
Tgt Ion: 62 Resp: 2649  
Ion Ratio Lower Upper  
62 100  
98 7.4 0.0 16.0

Manual Integrations  
APPROVED

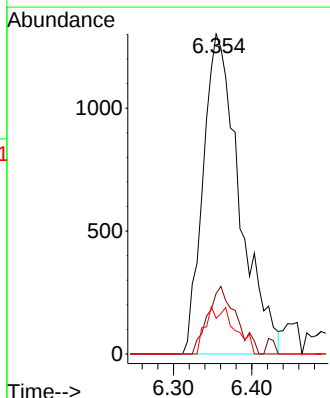
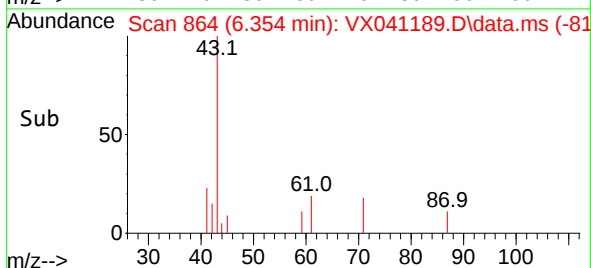
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024

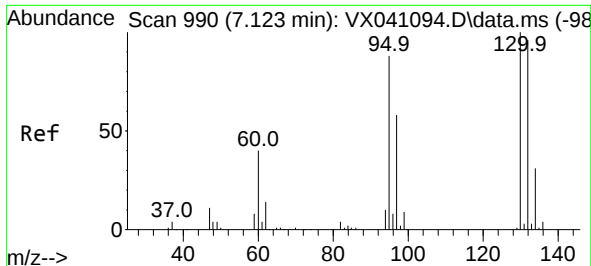


#43  
Isopropyl Acetate  
Concen: 0.945 ug/l  
RT: 6.354 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27



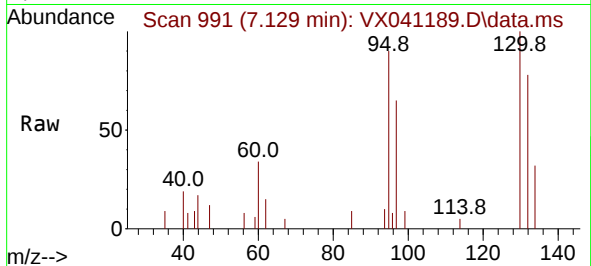
Tgt Ion: 43 Resp: 4206  
Ion Ratio Lower Upper  
43 100  
61 16.5 15.2 22.8  
87 11.7 9.8 14.6





#44  
Trichloroethene  
Concen: 1.065 ug/l  
RT: 7.129 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

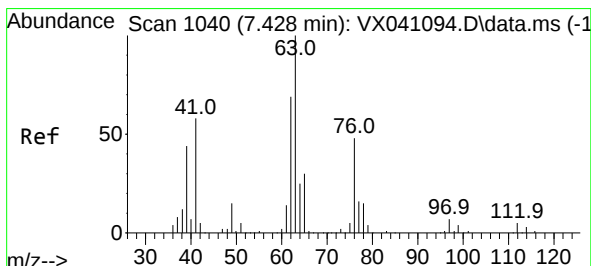
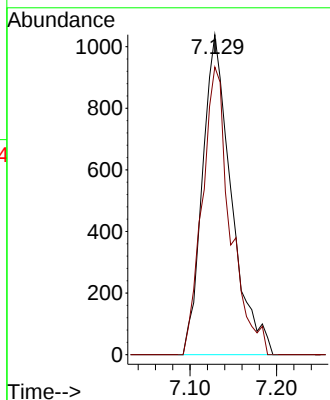
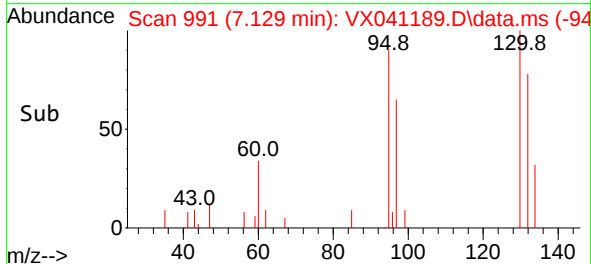
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



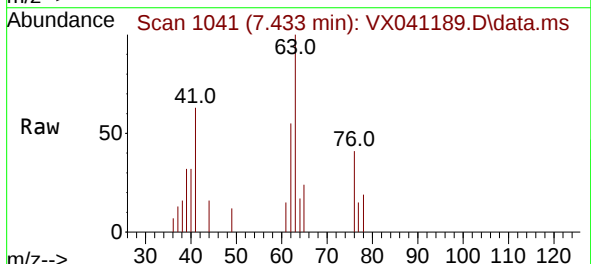
Tgt Ion:130 Resp: 2409  
Ion Ratio Lower Upper  
130 100  
95 89.9 0.0 204.4

Manual Integrations  
APPROVED

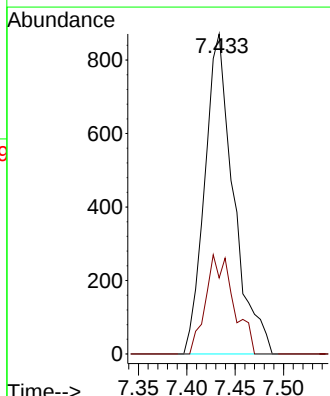
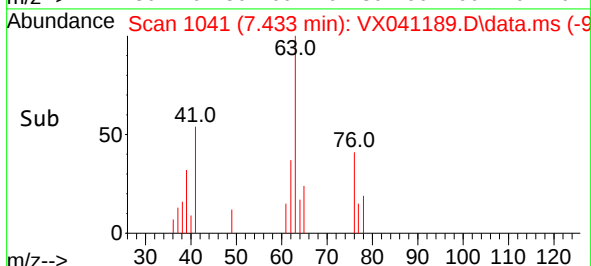
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024

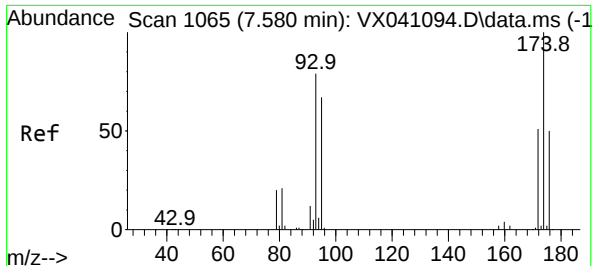


#45  
1,2-Dichloropropane  
Concen: 0.966 ug/l  
RT: 7.433 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27



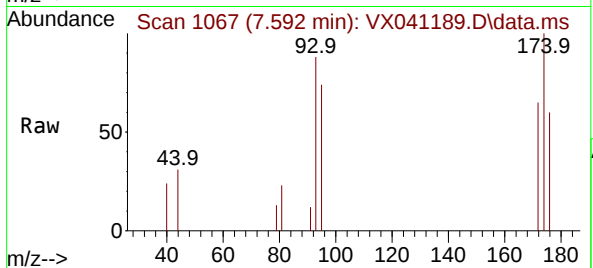
Tgt Ion: 63 Resp: 1803  
Ion Ratio Lower Upper  
63 100  
65 23.8 24.3 36.5#





#46  
Dibromomethane  
Concen: 0.955 ug/l  
RT: 7.592 min Scan# 1106  
Delta R.T. 0.012 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

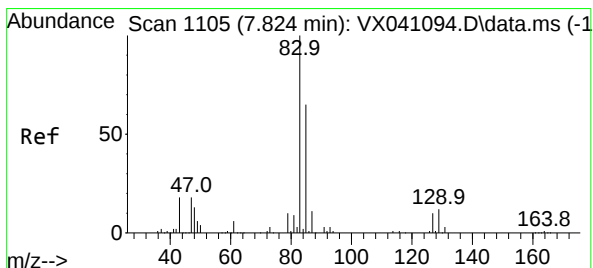
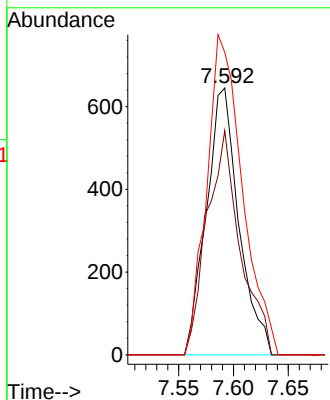
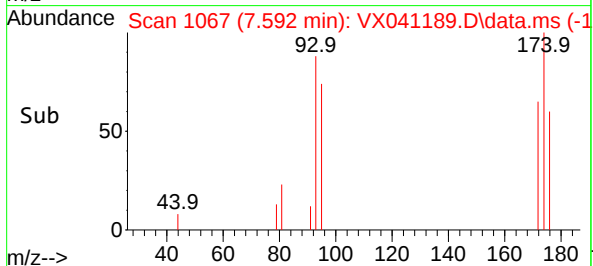
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



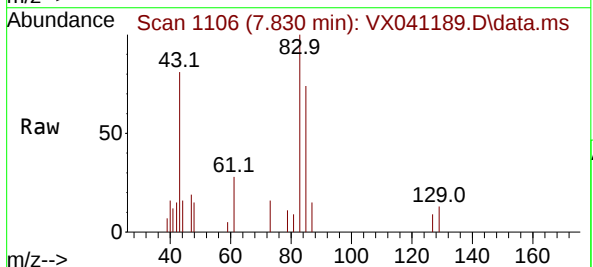
Tgt Ion: 93 Resp: 1329  
Ion Ratio Lower Upper  
93 100  
95 86.4 66.6 100.0  
174 131.7 69.4 104.0

Manual Integrations  
APPROVED

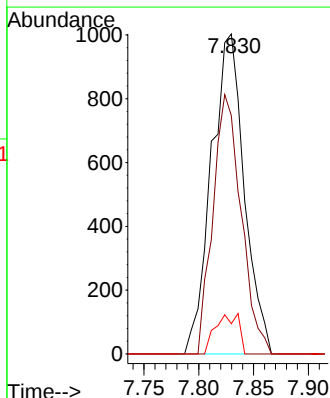
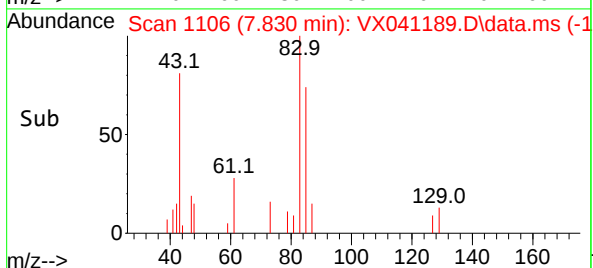
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024

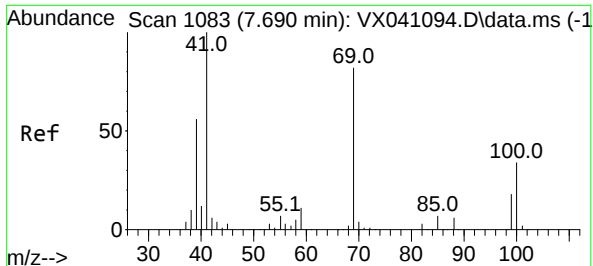


#47  
Bromodichloromethane  
Concen: 0.817 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27



Tgt Ion: 83 Resp: 2096  
Ion Ratio Lower Upper  
83 100  
85 74.5 49.8 74.6  
127 9.5 7.1 10.7





#48  
Methyl methacrylate  
Concen: 0.832 ug/l  
RT: 7.714 min Scan# 1087  
Delta R.T. 0.018 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

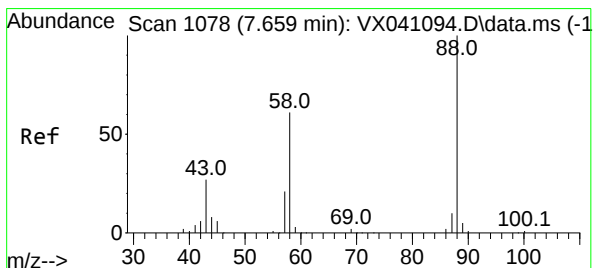
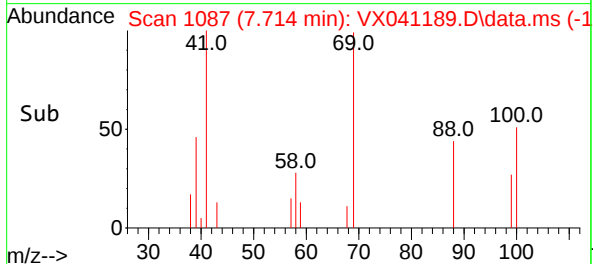
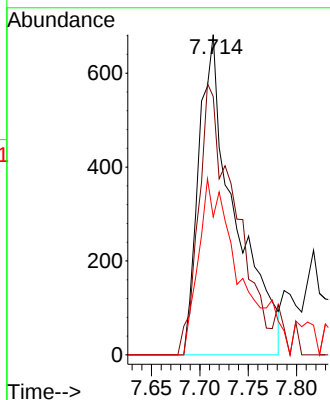
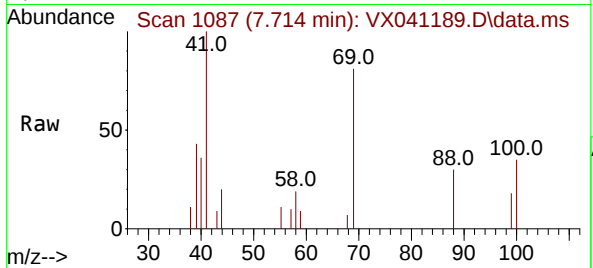
Tgt Ion: 41 Resp: 175  
Ion Ratio Lower Upper  
41 100  
69 87.1 59.2 88.8  
39 63.7 47.7 71.5

Manual Integrations

APPROVED

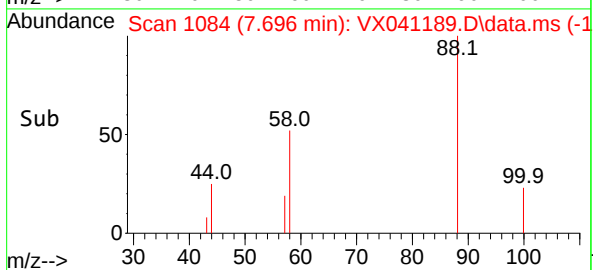
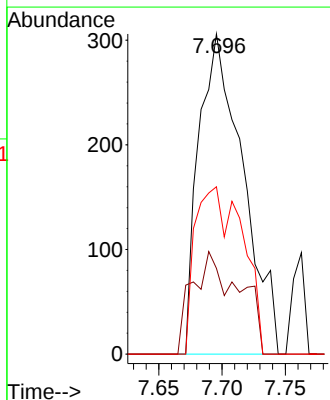
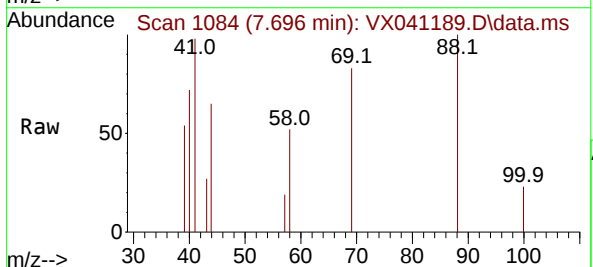
Reviewed By :John Carlone 04/23/2024

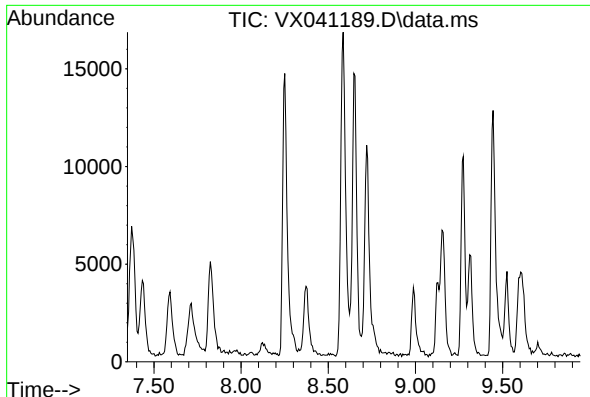
Supervised By :Mahesh Dadoda 04/23/2024



#49  
1,4-Dioxane  
Concen: 16.346 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.018 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Tgt Ion: 88 Resp: 741  
Ion Ratio Lower Upper  
88 100  
43 34.0 0.0 0.0#  
58 56.4 60.1 90.1#





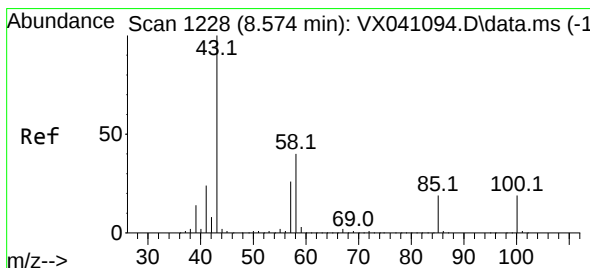
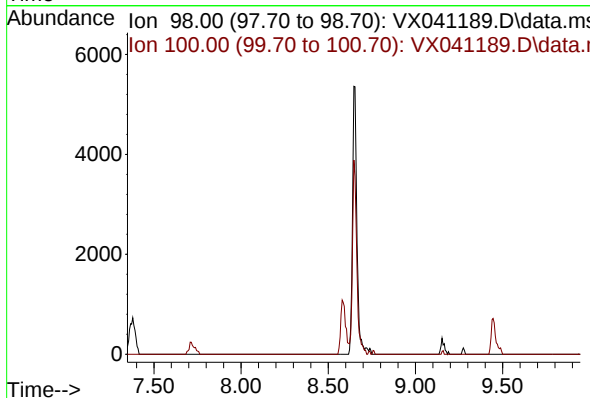
#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 8.65 min  
  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 66.4

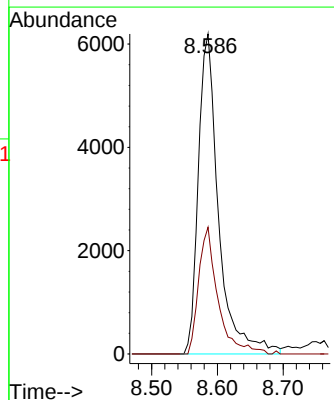
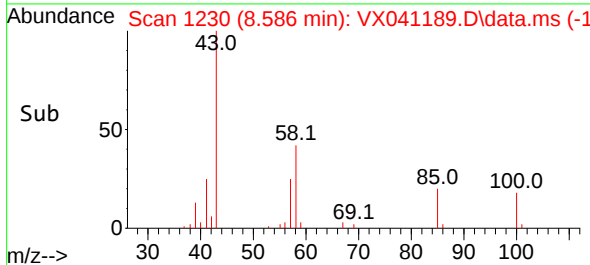
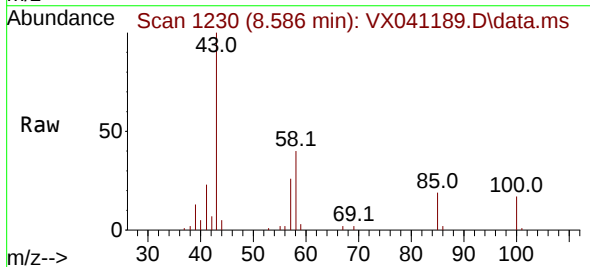
### Manual Integrations APPROVED

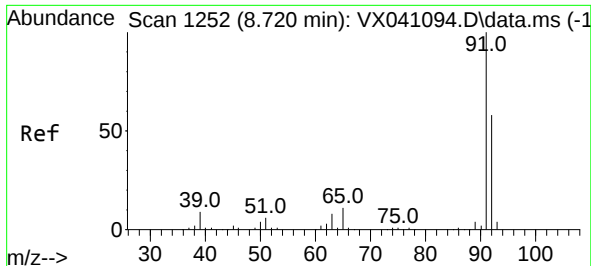
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#51  
4-Methyl-2-Pentanone  
Concen: 4.751 ug/l  
RT: 8.586 min Scan# 1230  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

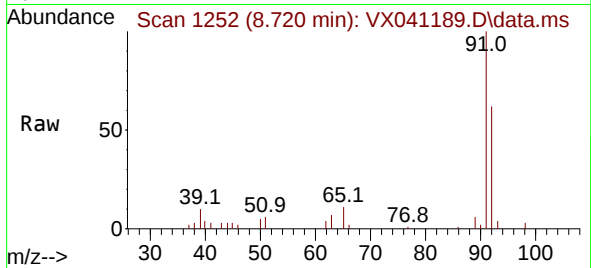
Tgt Ion: 43 Resp: 13242  
Ion Ratio Lower Upper  
43 100  
58 37.8 30.4 45.6





#52  
Toluene  
Concen: 1.002 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

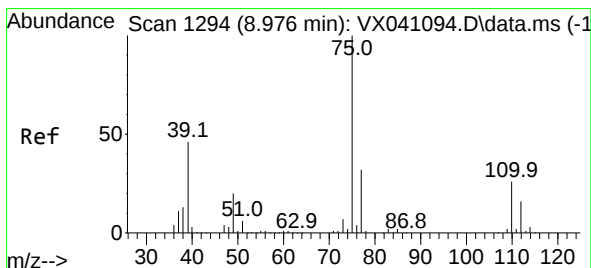
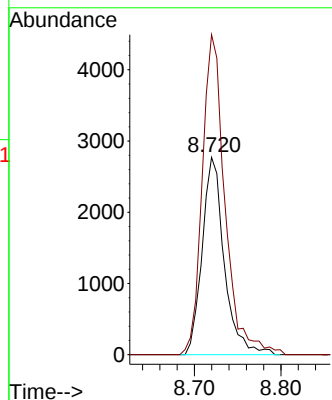
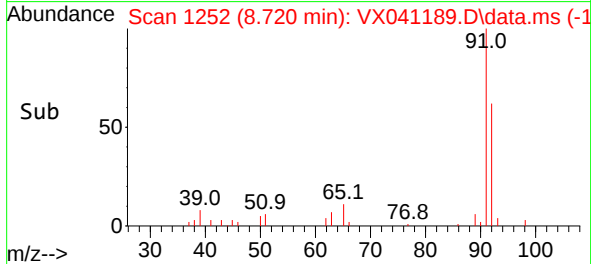
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



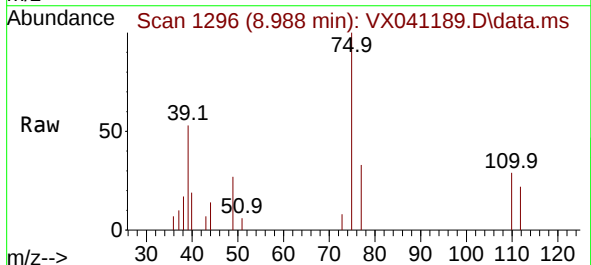
Tgt Ion: 92 Resp: 4912  
Ion Ratio Lower Upper  
92 100  
91 167.2 134.2 201.2

Manual Integrations  
APPROVED

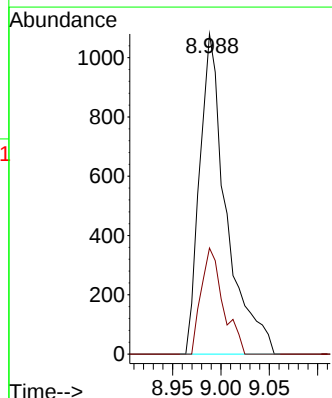
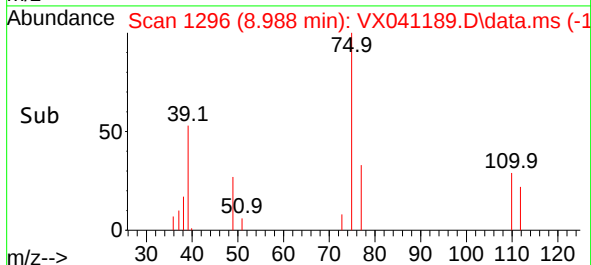
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024

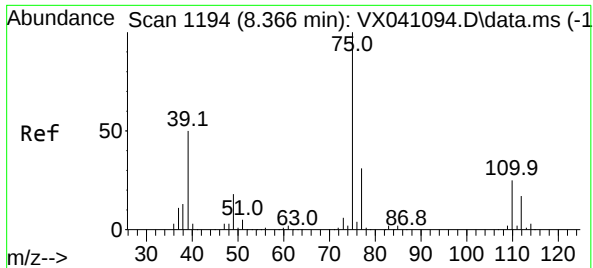


#53  
t-1,3-Dichloropropene  
Concen: 0.823 ug/l  
RT: 8.988 min Scan# 1296  
Delta R.T. 0.012 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27



Tgt Ion: 75 Resp: 2069  
Ion Ratio Lower Upper  
75 100  
77 33.1 25.7 38.5





#54  
cis-1,3-Dichloropropene  
Concen: 0.840 ug/l  
RT: 8.378 min Scan# 1196  
Delta R.T. 0.012 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

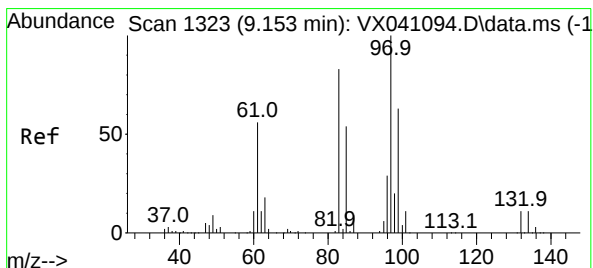
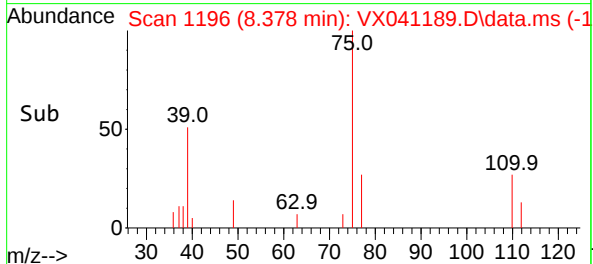
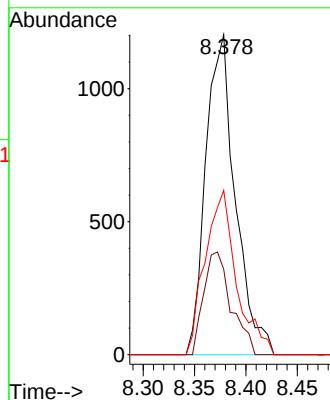
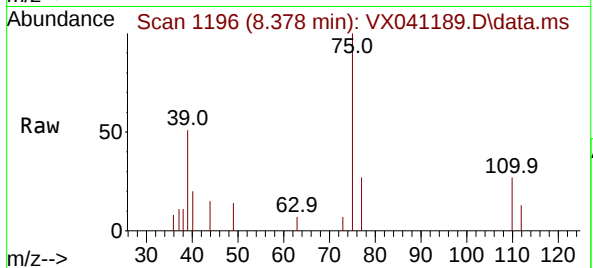
VSTDIC001

Tgt Ion: 75 Resp: 240  
Ion Ratio Lower Upper  
75 100  
77 26.7 25.3 37.9  
39 51.4 46.7 70.1

Manual Integrations

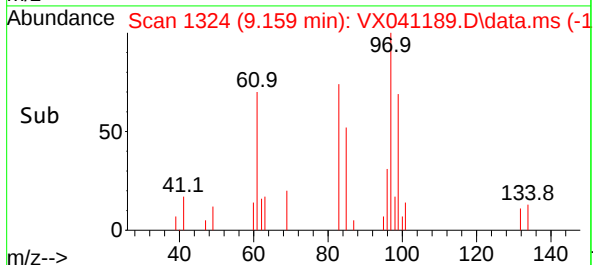
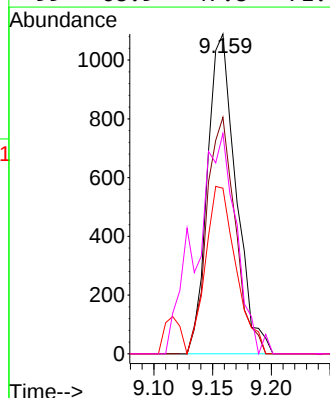
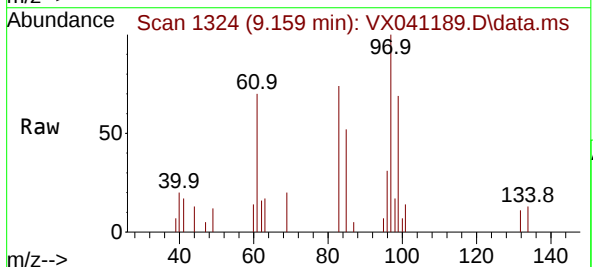
APPROVED

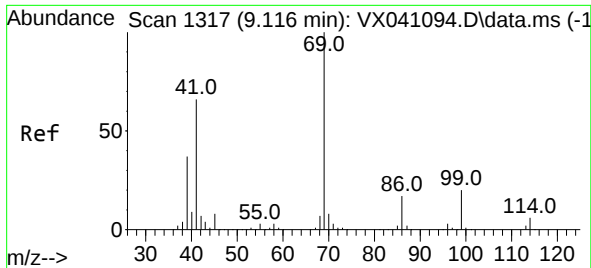
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#55  
1,1,2-Trichloroethane  
Concen: 0.962 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Tgt Ion: 97 Resp: 1841  
Ion Ratio Lower Upper  
97 100  
83 73.9 65.8 98.8  
85 51.8 41.6 62.4  
99 68.9 47.8 71.8





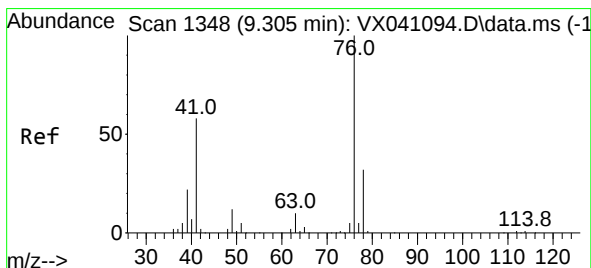
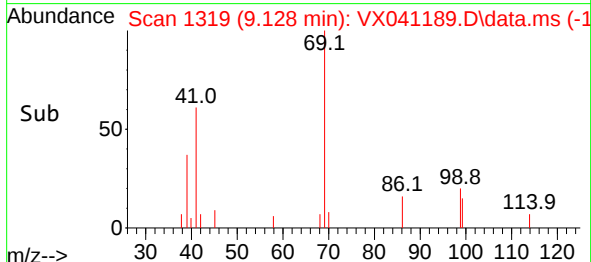
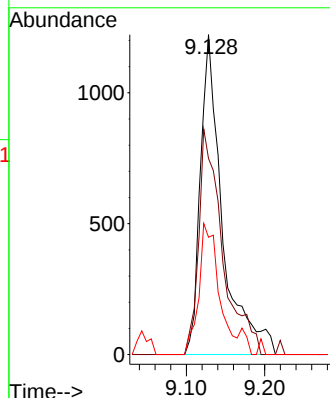
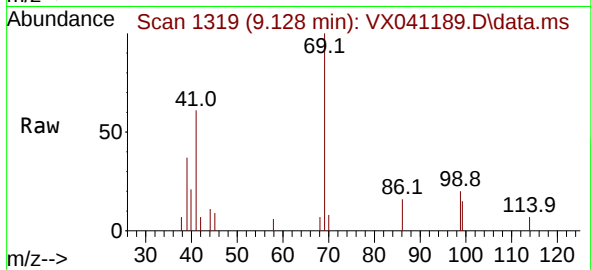
#56  
Ethyl methacrylate  
Concen: 0.819 ug/l  
RT: 9.128 min Scan# 1317  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 69 Resp: 2390  
Ion Ratio Lower Upper  
69 100  
41 76.3 56.8 85.2  
39 40.1 32.0 48.0

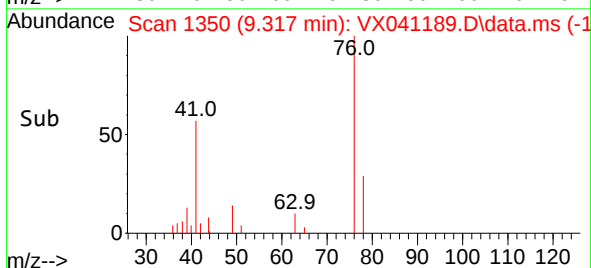
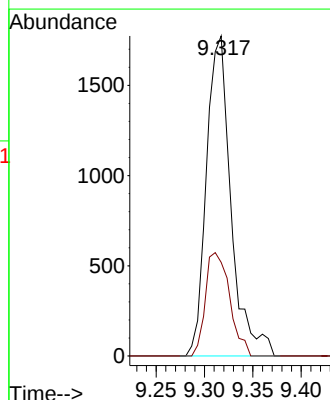
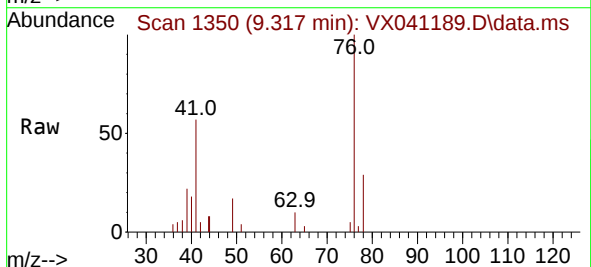
Manual Integrations  
APPROVED

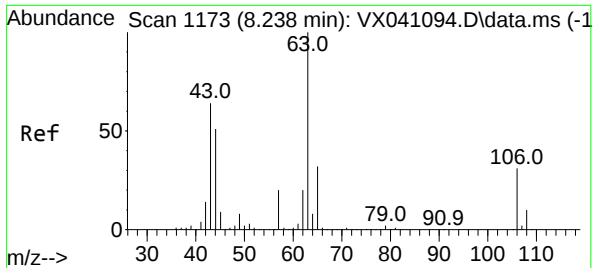
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#57  
1,3-Dichloropropane  
Concen: 0.993 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Tgt Ion: 76 Resp: 3144  
Ion Ratio Lower Upper  
76 100  
78 31.9 26.1 39.1





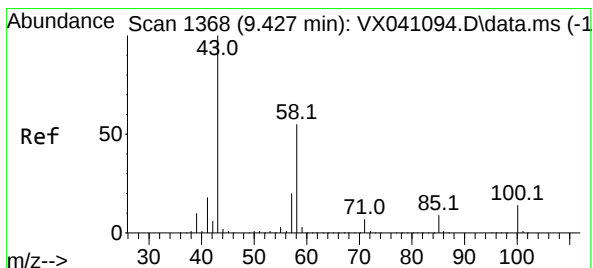
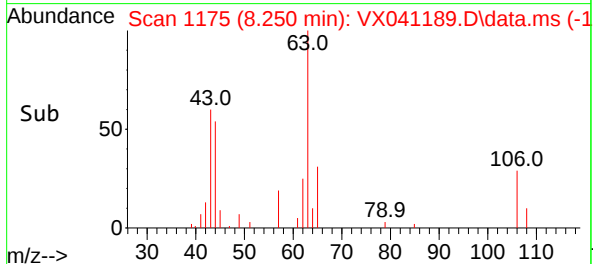
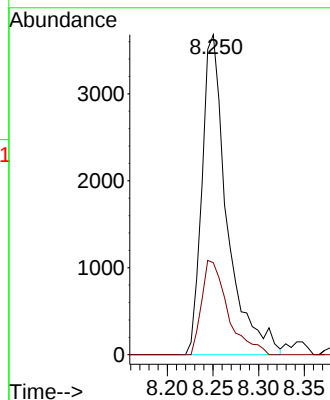
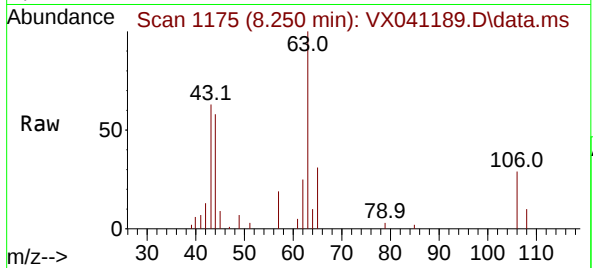
#58  
2-Chloroethyl Vinyl ether  
Concen: 4.922 ug/l  
RT: 8.250 min Scan# 1175  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 63 Resp: 700  
Ion Ratio Lower Upper  
63 100  
106 30.8 22.5 33.7

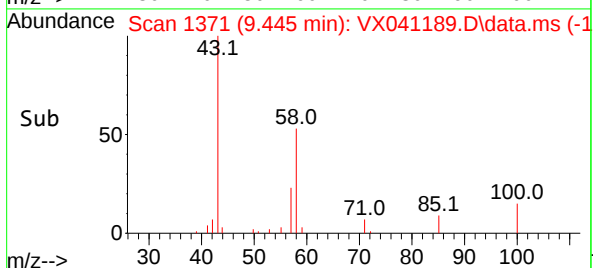
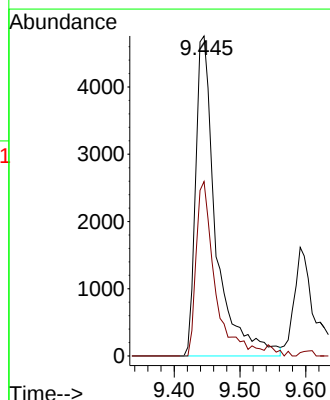
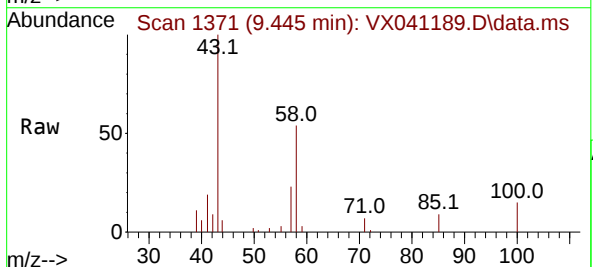
Manual Integrations  
APPROVED

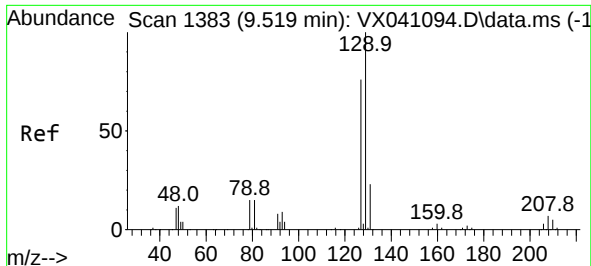
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#59  
2-Hexanone  
Concen: 4.758 ug/l  
RT: 9.445 min Scan# 1371  
Delta R.T. 0.012 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

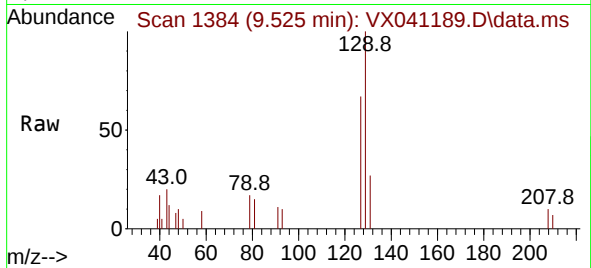
Tgt Ion: 43 Resp: 10169  
Ion Ratio Lower Upper  
43 100  
58 50.9 26.2 78.5





#60  
Dibromochloromethane  
Concen: 0.845 ug/l  
RT: 9.525 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

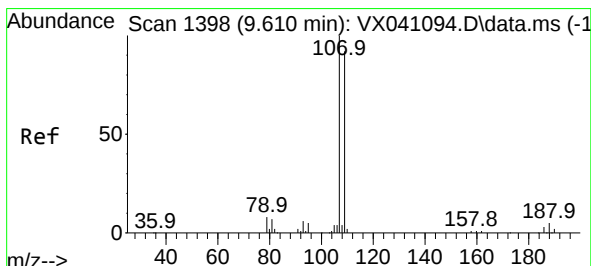
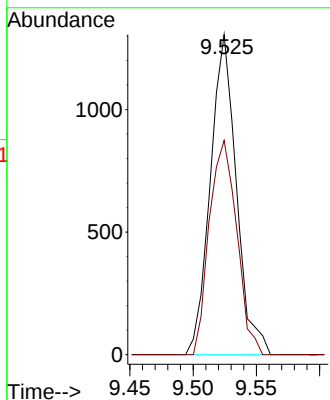
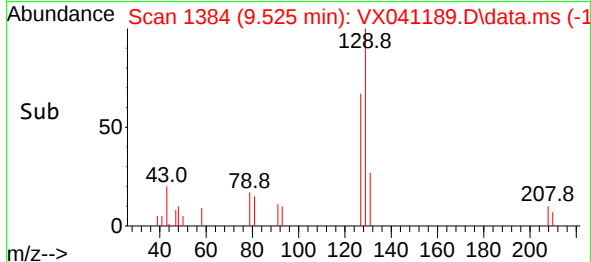
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



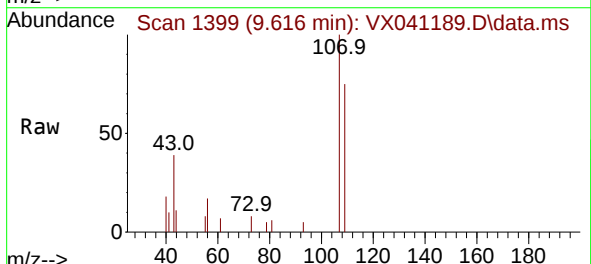
Tgt Ion:129 Resp: 186  
Ion Ratio Lower Upper  
129 100  
127 70.5 38.8 116.4

Manual Integrations  
APPROVED

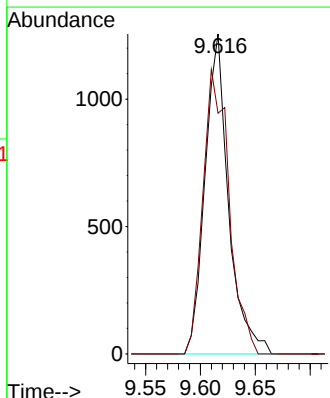
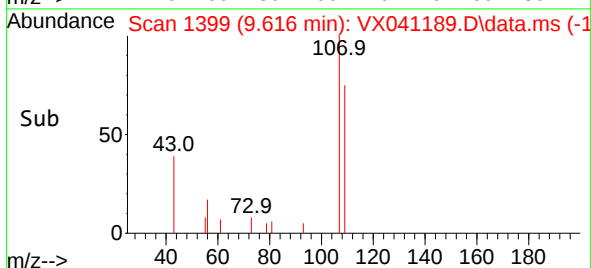
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024

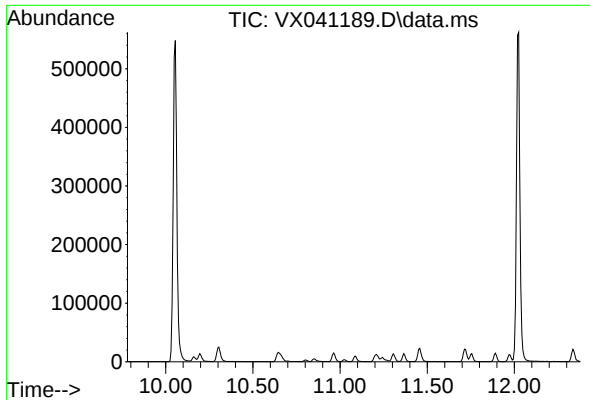


#61  
1,2-Dibromoethane  
Concen: 0.910 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27



Tgt Ion:107 Resp: 1868  
Ion Ratio Lower Upper  
107 100  
109 98.9 75.2 112.8





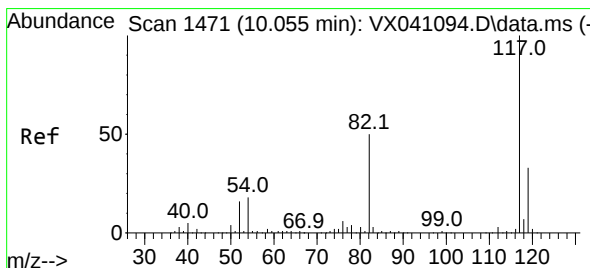
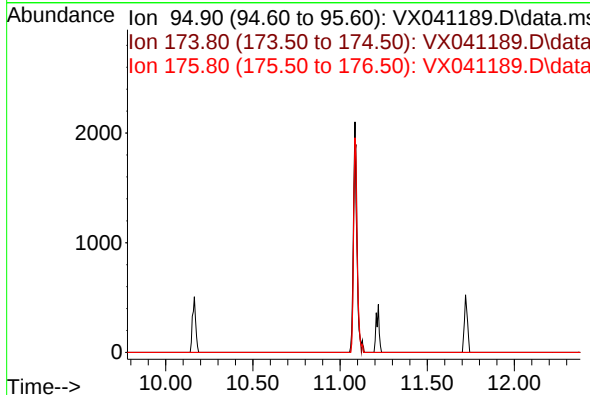
#62  
 4-Bromofluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 11.08 min  
 Lab File: VX041189.D  
 Acq: 22 Apr 2024 14:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

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

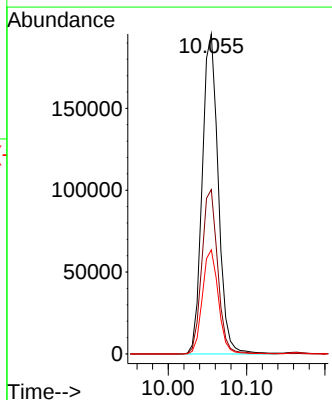
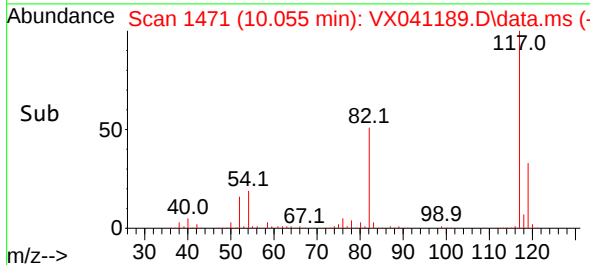
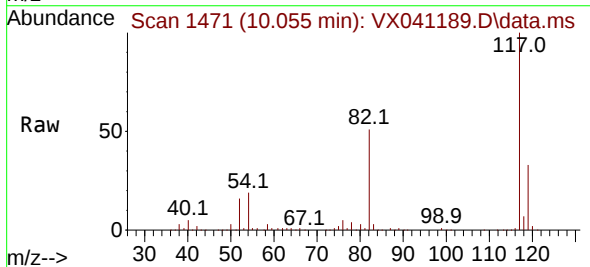
Manual Integrations  
 APPROVED

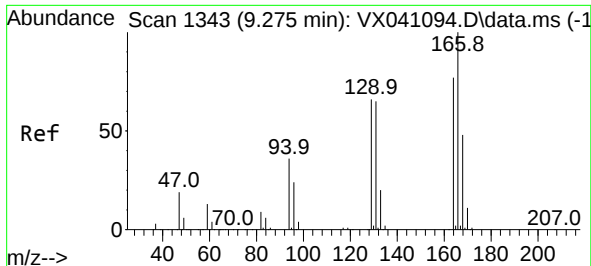
Reviewed By : John Carlone 04/23/2024  
 Supervised By : Mahesh Dadoda 04/23/2024



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 1471  
 Delta R.T. -0.000 min  
 Lab File: VX041189.D  
 Acq: 22 Apr 2024 14:27

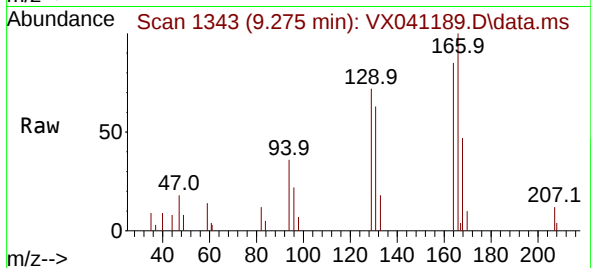
Tgt Ion: 117 Resp: 277778  
 Ion Ratio Lower Upper  
 117 100  
 82 51.4 46.2 69.4  
 119 32.5 25.5 38.3





#64  
Tetrachloroethene  
Concen: 1.100 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

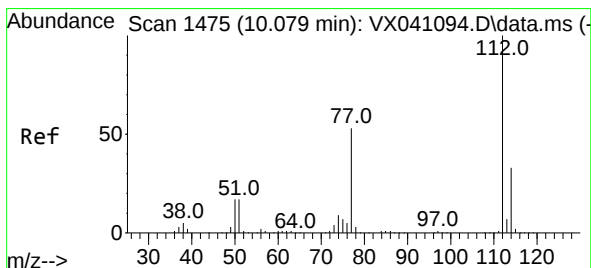
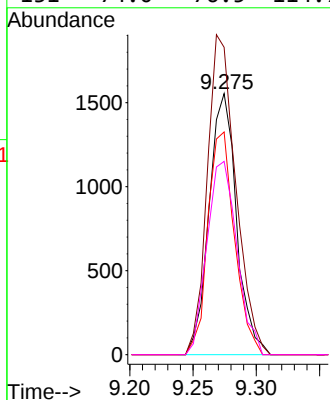
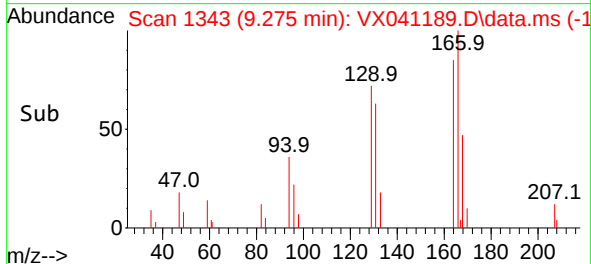
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion:164 Resp: 234  
Ion Ratio Lower Upper  
164 100  
166 117.7 102.7 154.1  
129 85.3 80.4 120.6  
131 74.0 76.5 114.7#

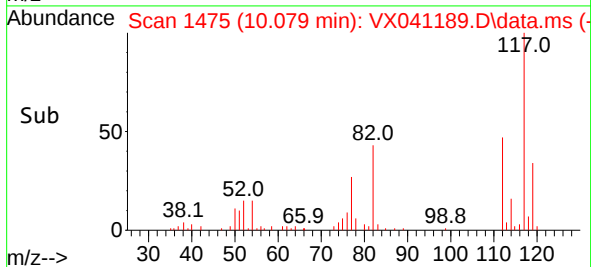
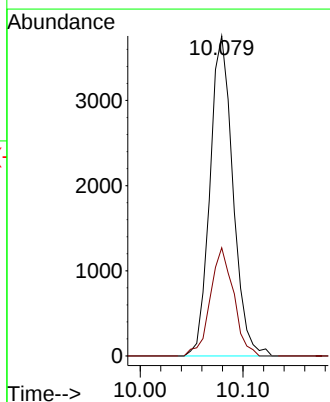
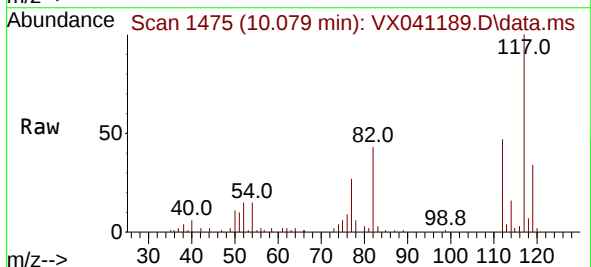
Manual Integrations  
APPROVED

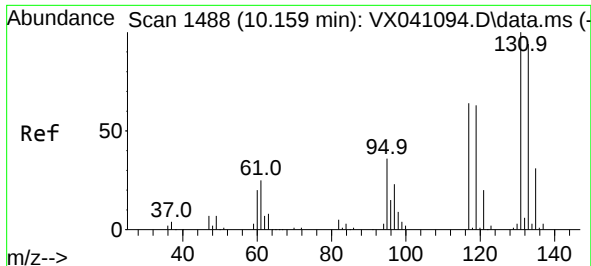
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#65  
Chlorobenzene  
Concen: 1.022 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

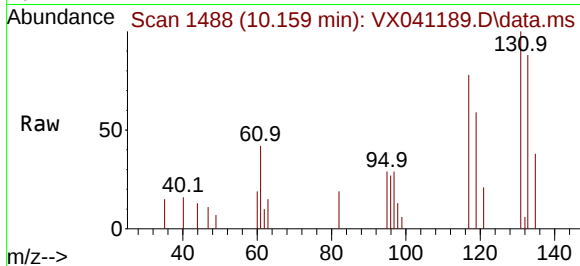
Tgt Ion:112 Resp: 5843  
Ion Ratio Lower Upper  
112 100  
114 33.8 25.7 38.5





#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.876 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

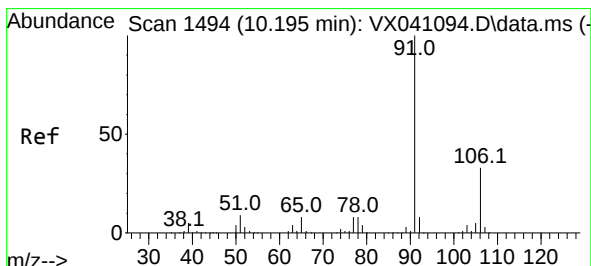
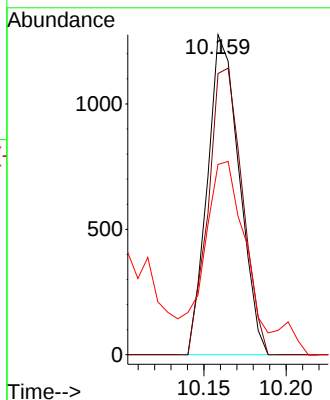
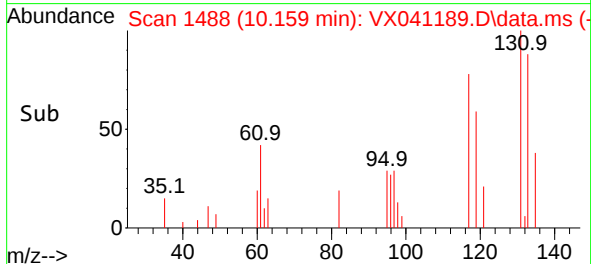
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion:131 Resp: 1715  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.1 141.4  
119 0.0 32.2 96.6

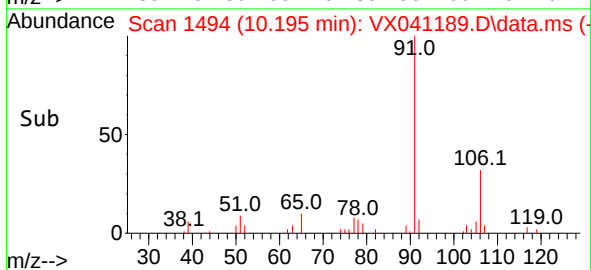
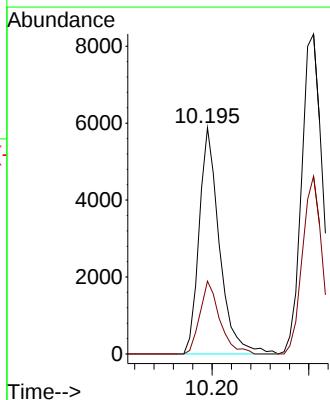
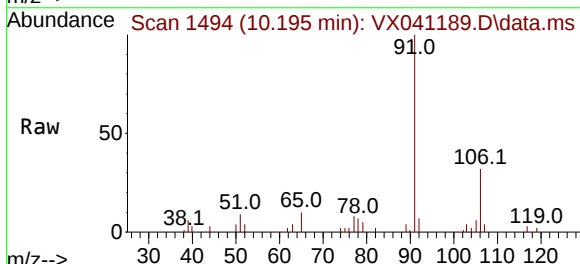
Manual Integrations  
APPROVED

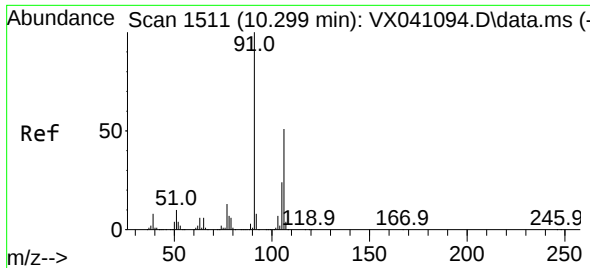
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#67  
Ethyl Benzene  
Concen: 0.941 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

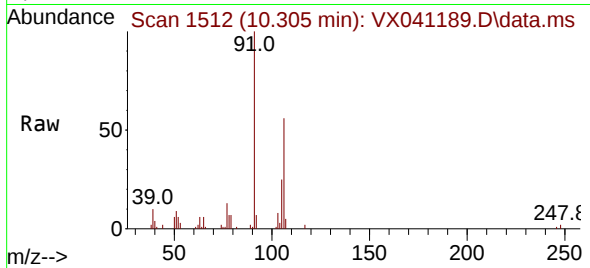
Tgt Ion: 91 Resp: 8585  
Ion Ratio Lower Upper  
91 100  
106 32.2 24.9 37.3





#68  
m/p-Xylenes  
Concen: 1.883 ug/l  
RT: 10.305 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

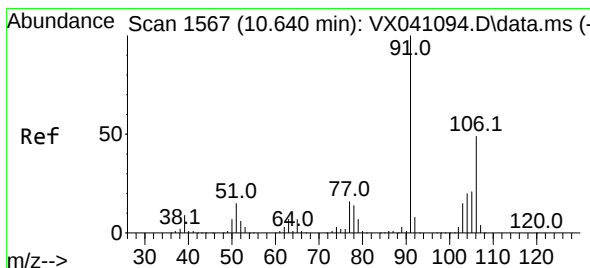
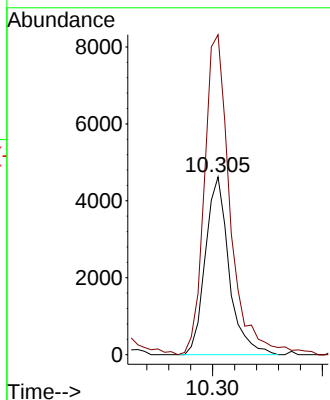
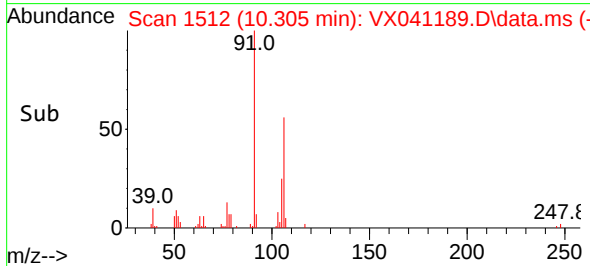
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion:106 Resp: 6934  
Ion Ratio Lower Upper  
106 100  
91 196.2 165.5 248.3

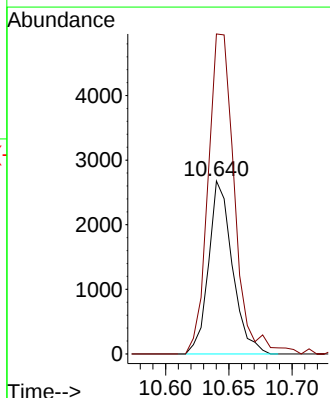
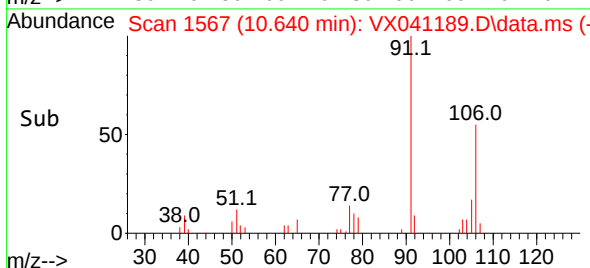
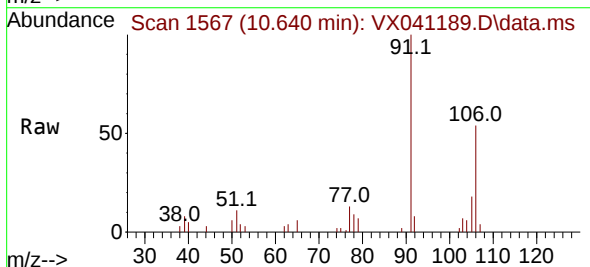
Manual Integrations  
APPROVED

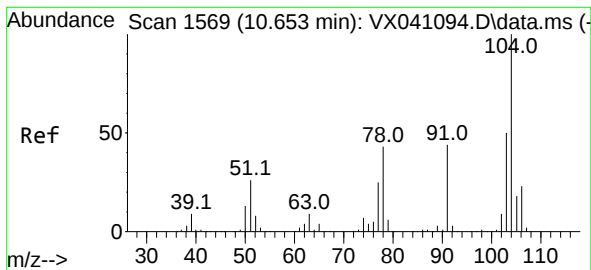
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#69  
o-Xylene  
Concen: 0.977 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Tgt Ion:106 Resp: 3500  
Ion Ratio Lower Upper  
106 100  
91 204.9 108.9 326.8





#70

Styrene

Concen: 0.911 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

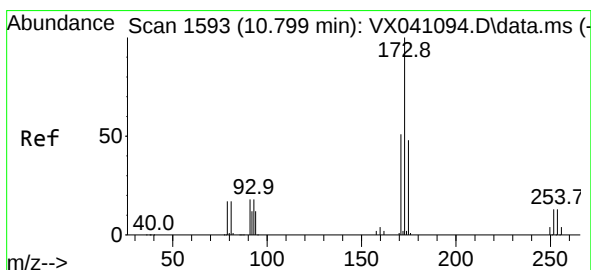
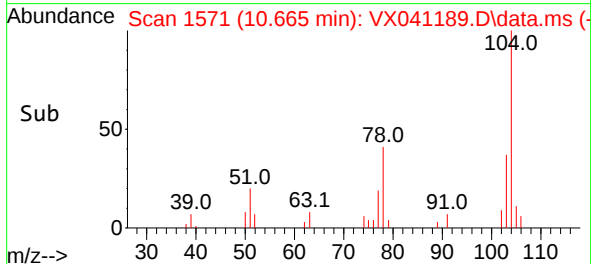
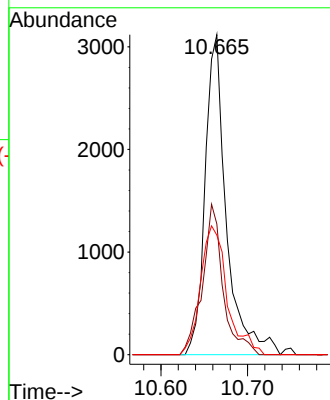
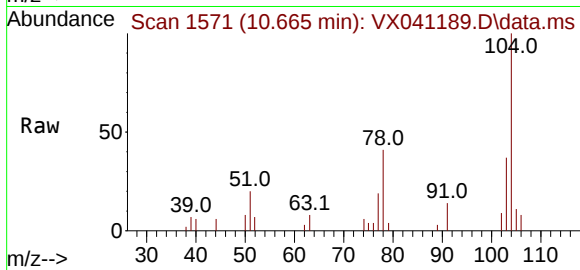
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:104 | Resp: | 530       |
| Ion Ratio   | Lower | Upper     |
| 104         | 100   |           |
| 78          | 46.0  | 43.6 65.4 |
| 103         | 50.3  | 43.6 65.4 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#71

Bromoform

Concen: 0.750 ug/l

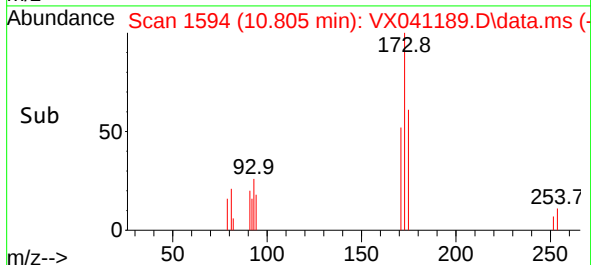
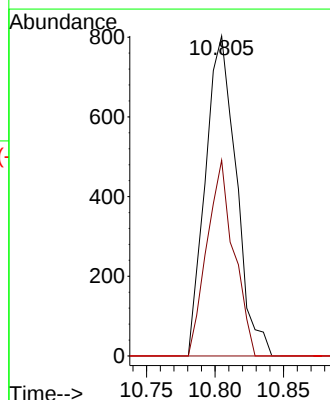
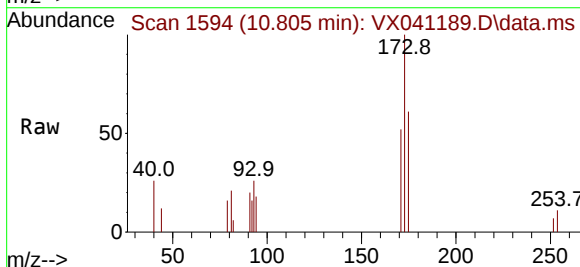
RT: 10.805 min Scan# 1594

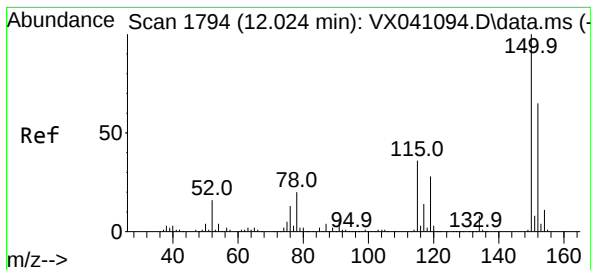
Delta R.T. 0.006 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

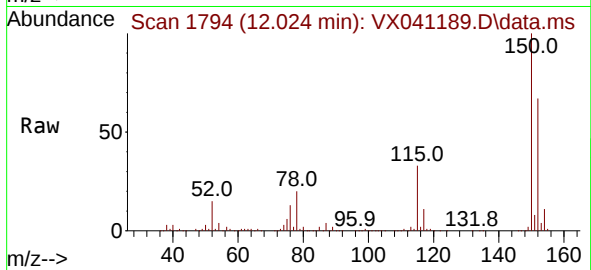
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 1256      |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 53.5  | 24.1 72.4 |
| 254         | 0.0   | 0.0 0.0   |





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

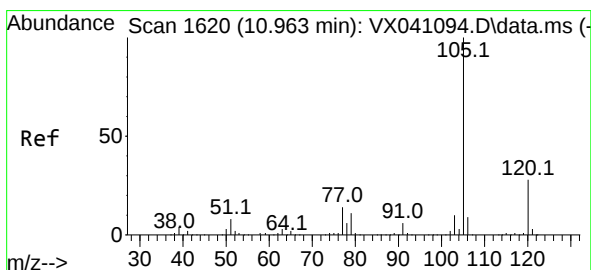
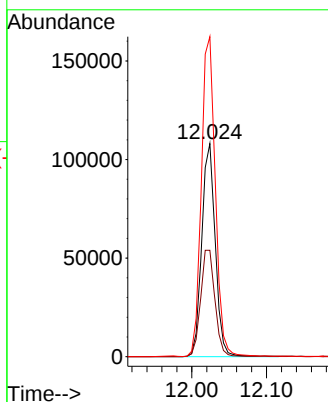
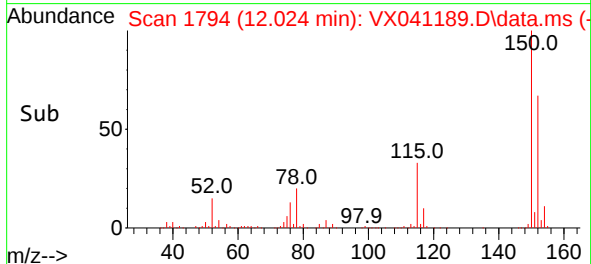
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



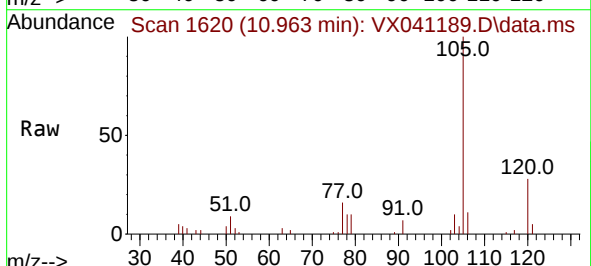
Tgt Ion:152 Resp: 13573  
Ion Ratio Lower Upper  
152 100  
115 53.1 43.3 129.9  
150 154.8 0.0 345.0

Manual Integrations  
APPROVED

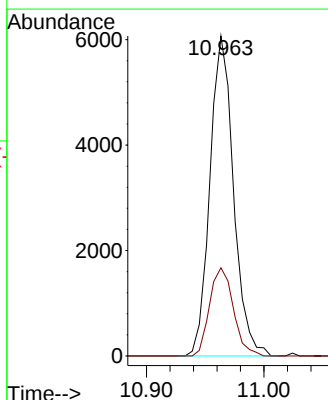
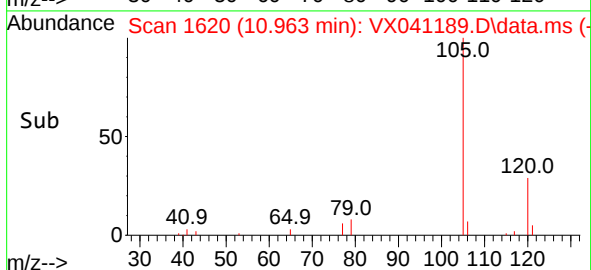
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024

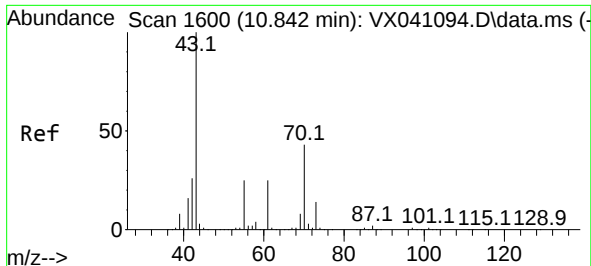


#73  
Isopropylbenzene  
Concen: 1.003 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27



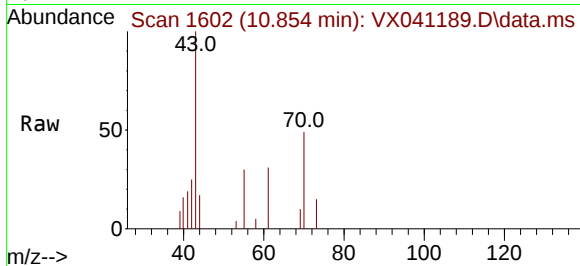
Tgt Ion:105 Resp: 8472  
Ion Ratio Lower Upper  
105 100  
120 27.8 12.9 38.6





#74  
N-amy1 acetate  
Concen: 0.891 ug/l  
RT: 10.854 min Scan# 1602  
Delta R.T. 0.012 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

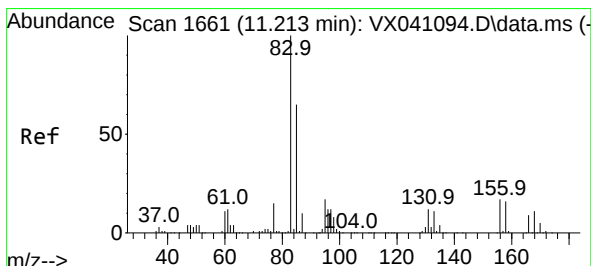
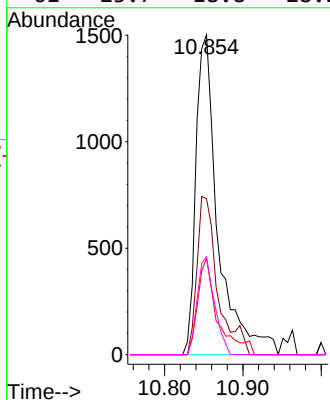
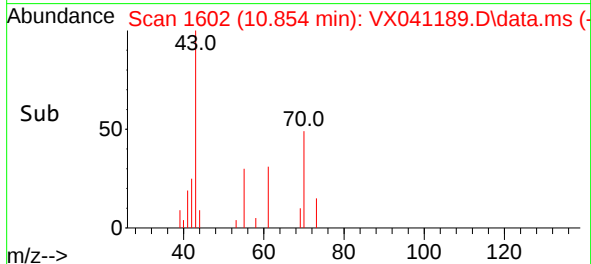
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



| Tgt Ion:  | 43   | Resp: | 295   |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 100  |       |       |
| 70        | 46.0 | 32.9  | 49.3  |
| 55        | 26.9 | 19.3  | 28.9  |
| 61        | 23.7 | 18.8  | 28.2  |

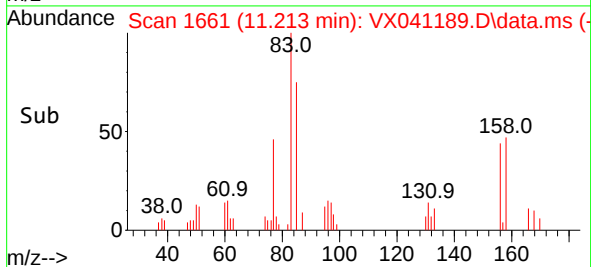
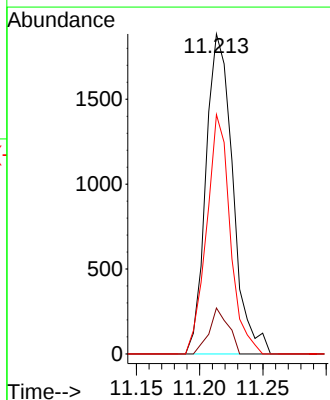
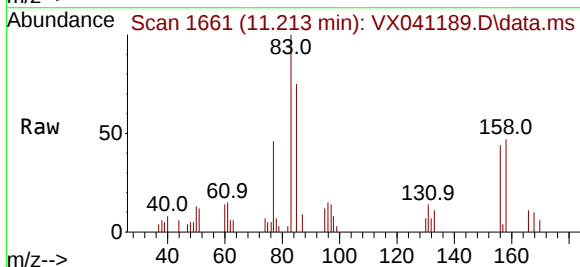
Manual Integrations  
APPROVED

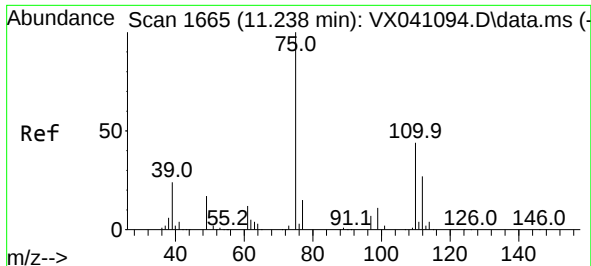
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.043 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

| Tgt Ion:  | 83   | Resp: | 2778  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 10.3 | 5.3   | 15.8  |
| 85        | 66.0 | 32.0  | 96.2  |





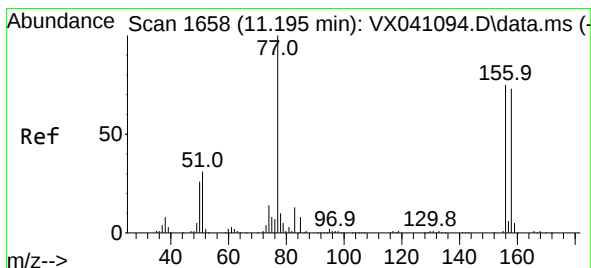
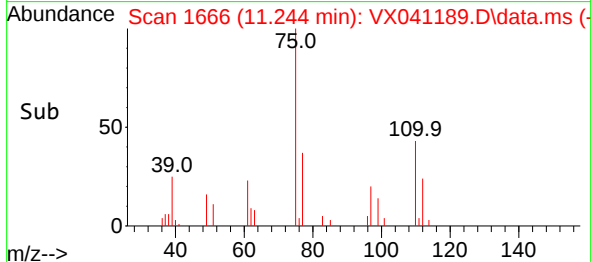
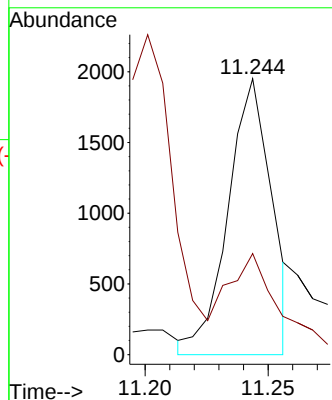
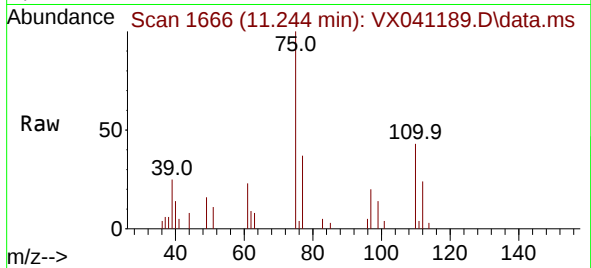
#76  
1,2,3-Trichloropropane  
Concen: 1.102 ug/l m  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 75 Resp: 2409  
Ion Ratio Lower Upper  
75 100  
77 46.7 19.1 57.5

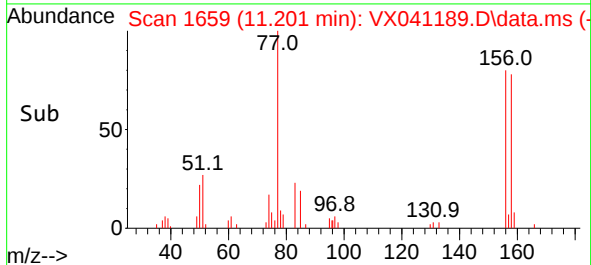
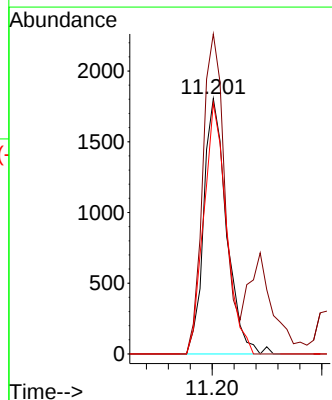
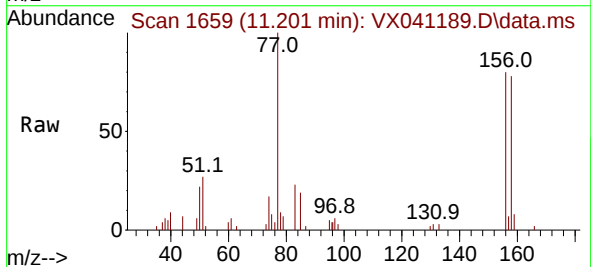
Manual Integrations  
APPROVED

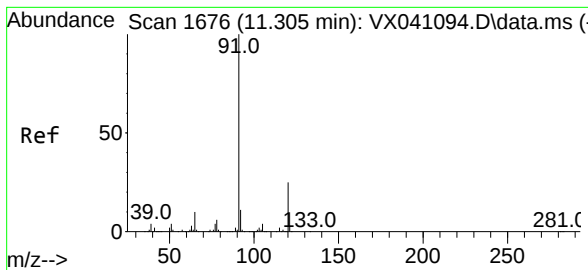
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#77  
Bromobenzene  
Concen: 1.062 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Tgt Ion:156 Resp: 2611  
Ion Ratio Lower Upper  
156 100  
77 121.1 88.4 265.3  
158 97.4 48.0 144.0





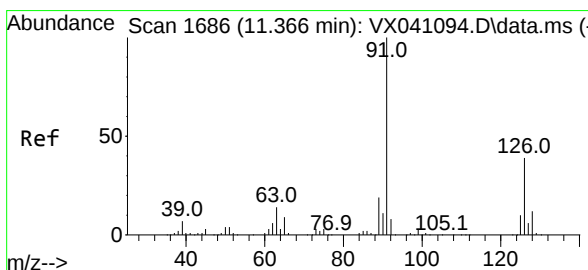
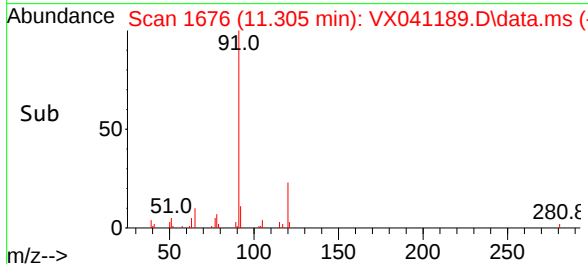
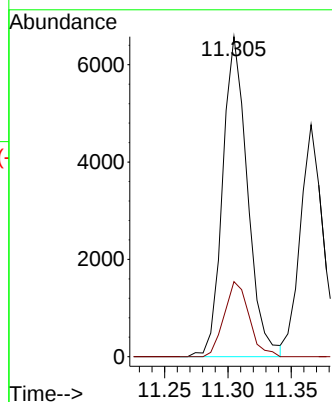
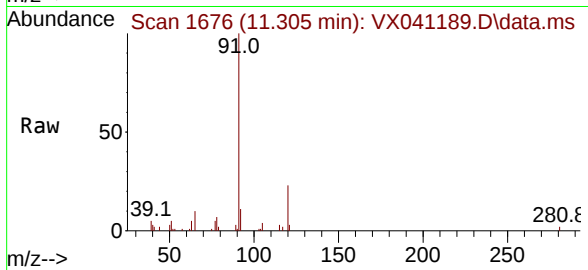
#78  
n-propylbenzene  
Concen: 0.985 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 91 Resp: 898  
Ion Ratio Lower Upper  
91 100  
120 23.5 11.5 34.4

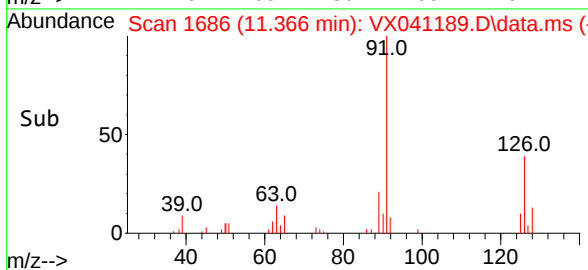
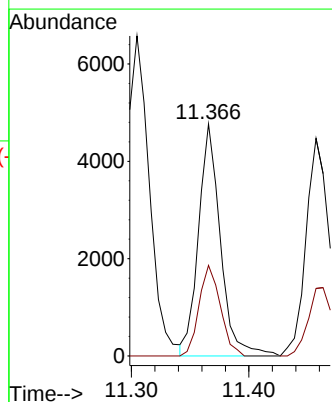
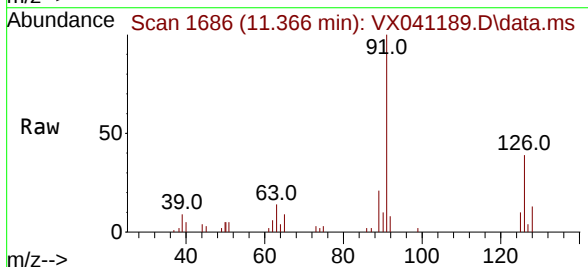
Manual Integrations  
APPROVED

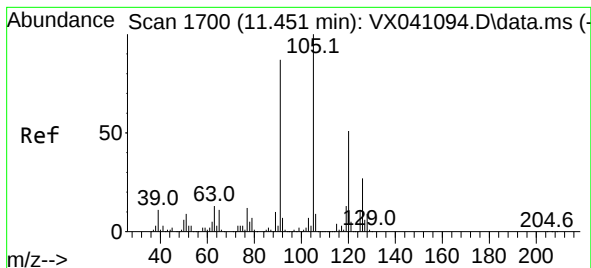
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#79  
2-Chlorotoluene  
Concen: 1.072 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

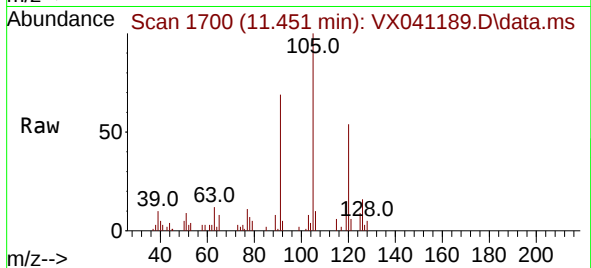
Tgt Ion: 91 Resp: 6189  
Ion Ratio Lower Upper  
91 100  
126 37.9 16.3 48.8





#80  
1,3,5-Trimethylbenzene  
Concen: 0.969 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

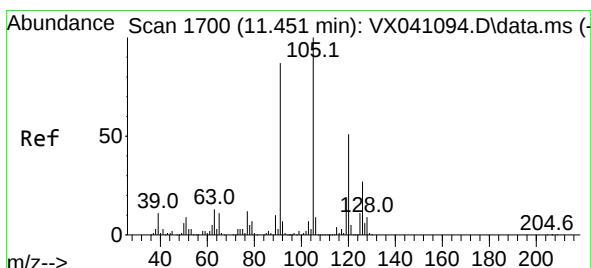
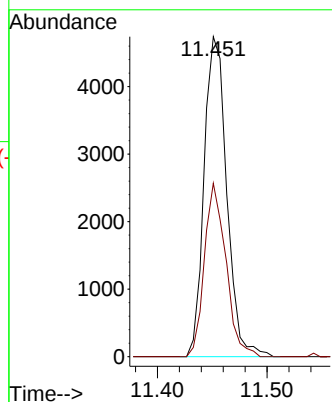
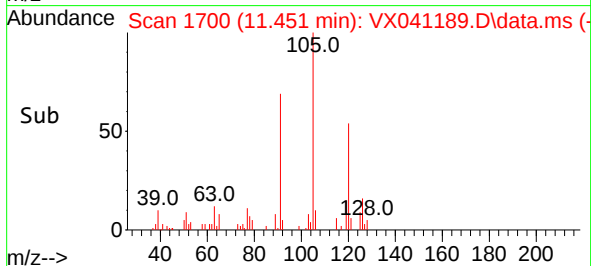
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



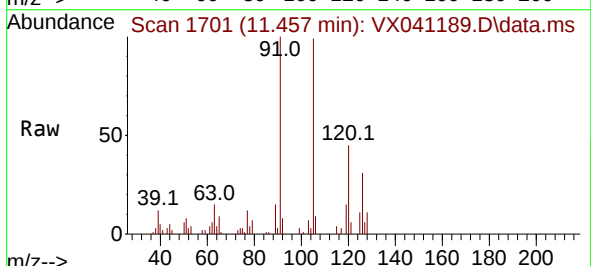
Tgt Ion:105 Resp: 680  
Ion Ratio Lower Upper  
105 100  
120 51.4 24.1 72.3

Manual Integrations  
APPROVED

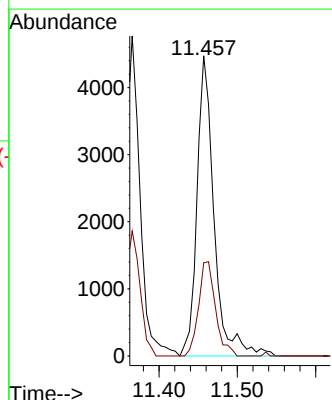
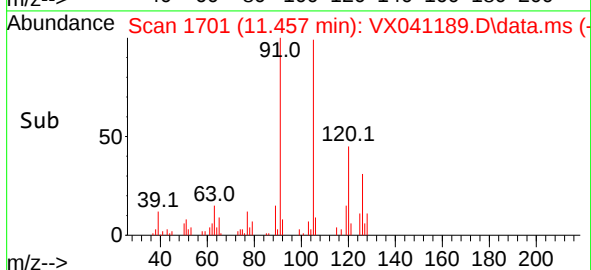
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024

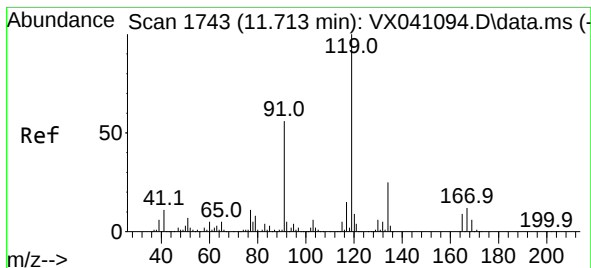


#82  
4-Chlorotoluene  
Concen: 1.037 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27



Tgt Ion: 91 Resp: 6780  
Ion Ratio Lower Upper  
91 100  
126 31.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.949 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

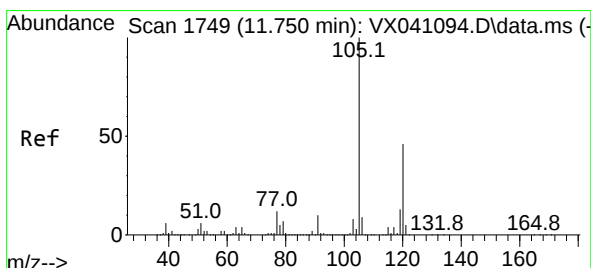
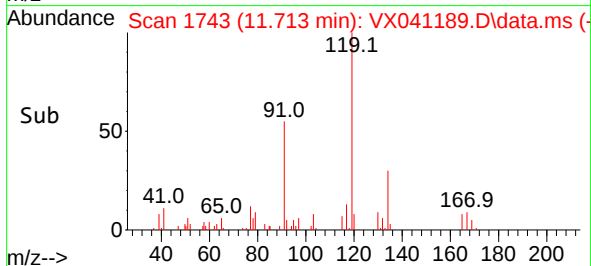
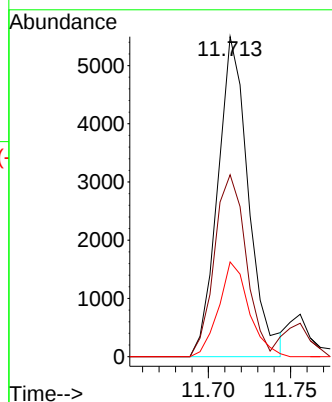
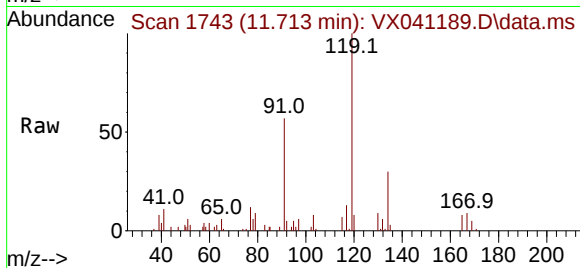
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 7138  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 58.7  | 31.2  | 93.6  |
| 134      | 29.2  | 11.7  | 35.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.960 ug/l

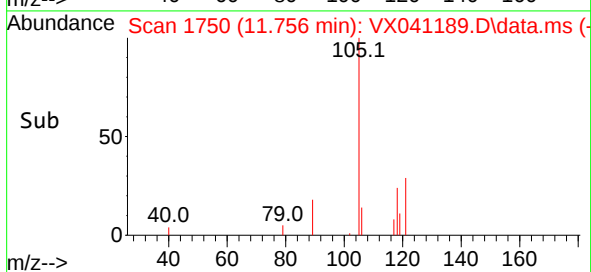
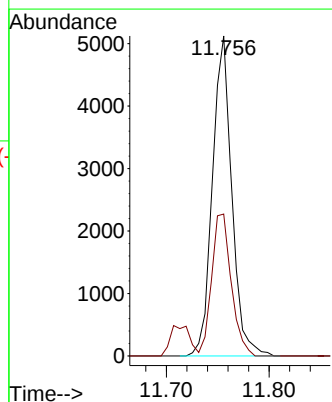
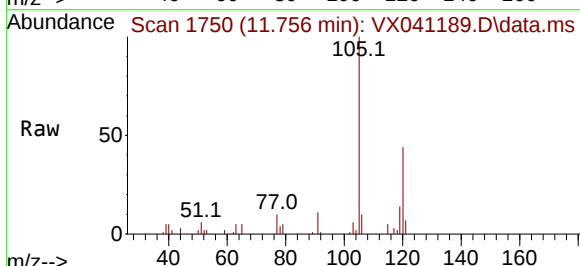
RT: 11.756 min Scan# 1750

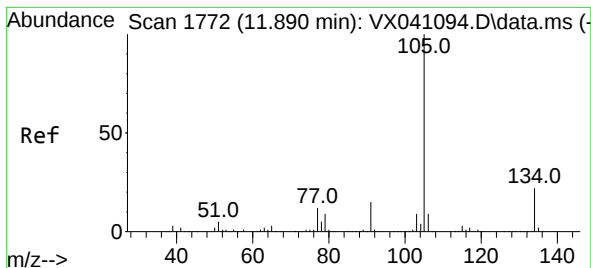
Delta R.T. 0.006 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

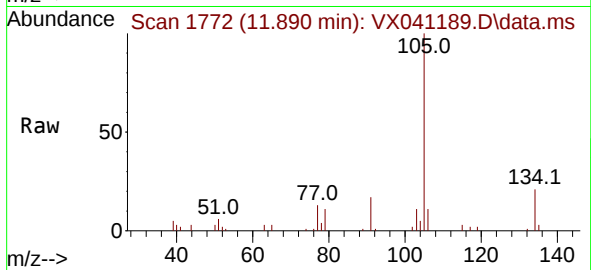
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 6694  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 44.9  | 21.2  | 63.6  |





#85  
 sec-Butylbenzene  
 Concen: 0.924 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX041189.D  
 Acq: 22 Apr 2024 14:27

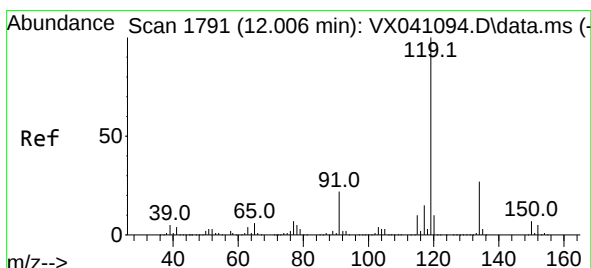
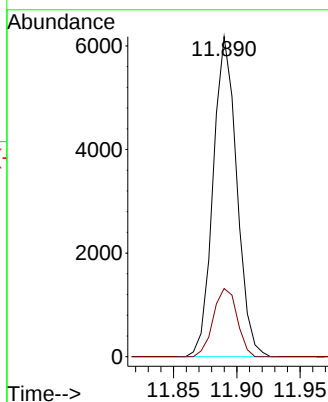
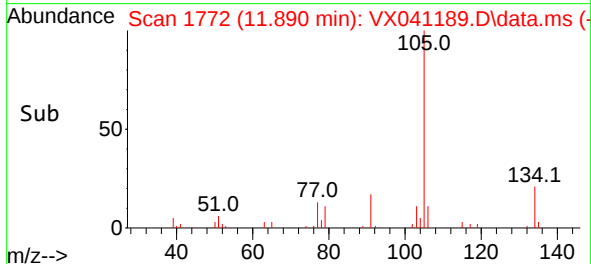
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001



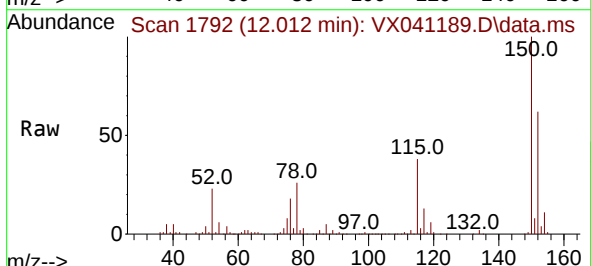
Tgt Ion:105 Resp: 803  
 Ion Ratio Lower Upper  
 105 100  
 134 21.4 9.8 29.4

Manual Integrations  
 APPROVED

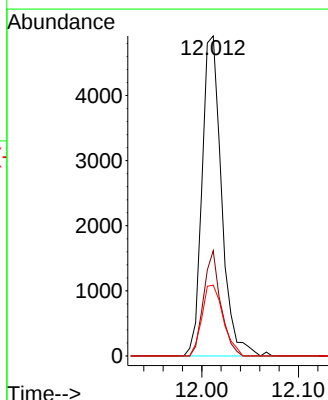
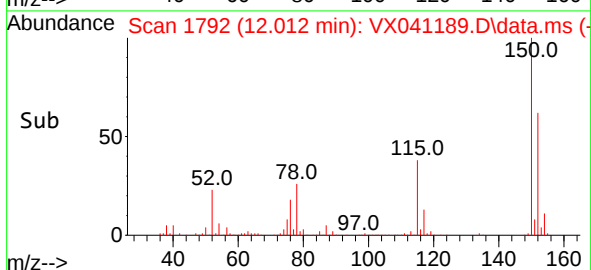
Reviewed By :John Carlone 04/23/2024  
 Supervised By :Mahesh Dadoda 04/23/2024

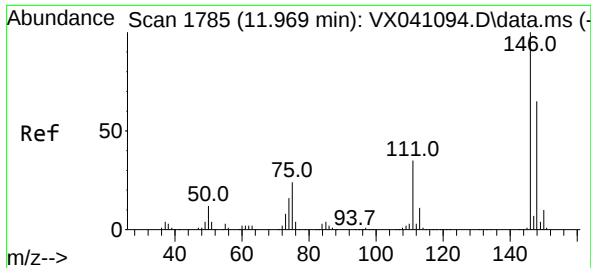


#86  
 p-Isopropyltoluene  
 Concen: 0.901 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX041189.D  
 Acq: 22 Apr 2024 14:27



Tgt Ion:119 Resp: 6897  
 Ion Ratio Lower Upper  
 119 100  
 134 28.8 12.8 38.3  
 91 24.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.085 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041189.D

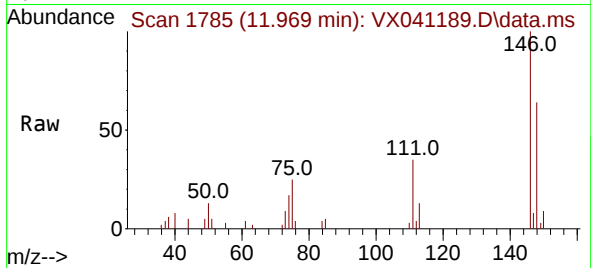
Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001



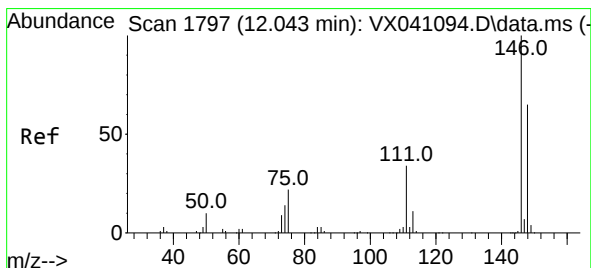
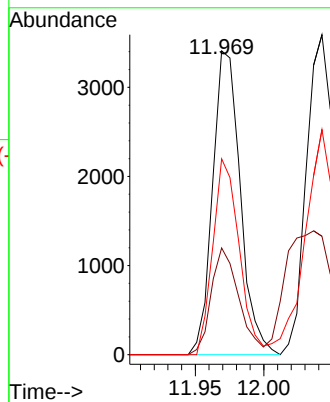
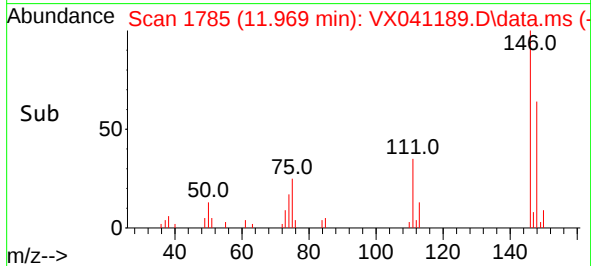
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 4790        |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 35.4  | 22.1 66.1   |
| 148         | 61.3  | 31.8 95.3   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#88

1,4-Dichlorobenzene

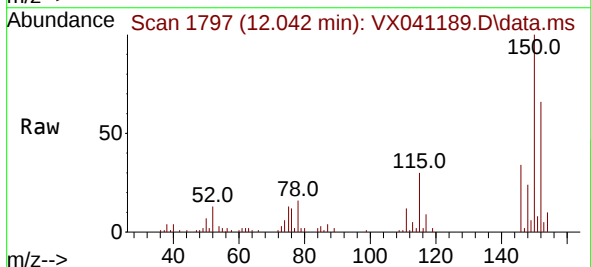
Concen: 1.137 ug/l

RT: 12.042 min Scan# 1797

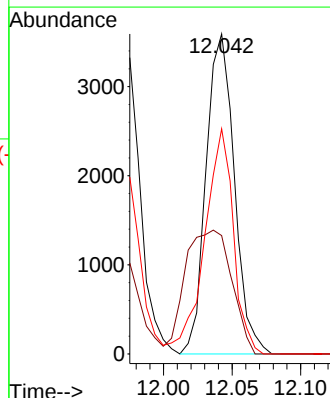
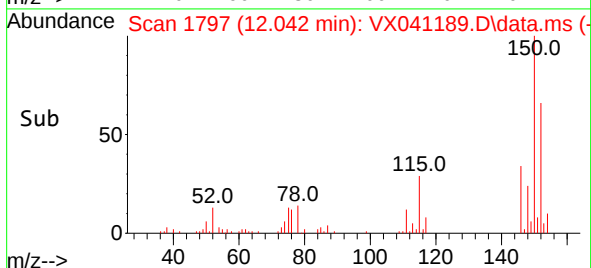
Delta R.T. -0.000 min

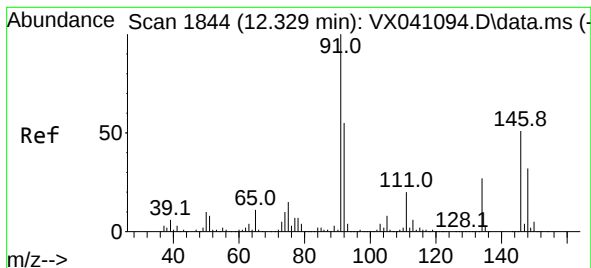
Lab File: VX041189.D

Acq: 22 Apr 2024 14:27



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 5151        |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 63.5  | 21.3 63.7   |
| 148         | 71.6  | 31.8 95.4   |





#89

n-Butylbenzene

Concen: 0.828 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

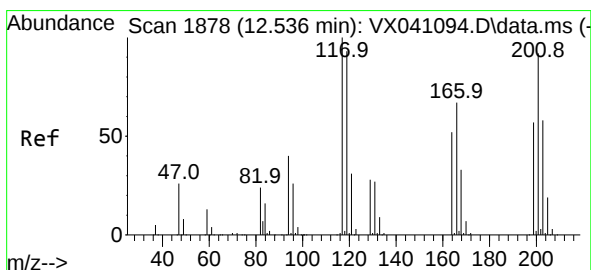
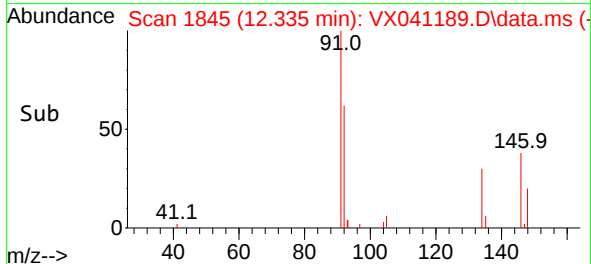
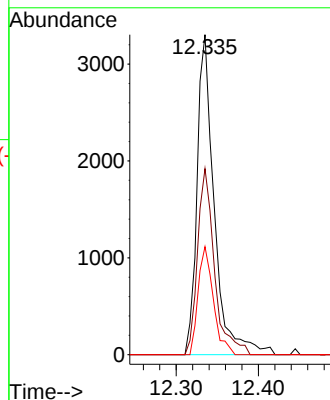
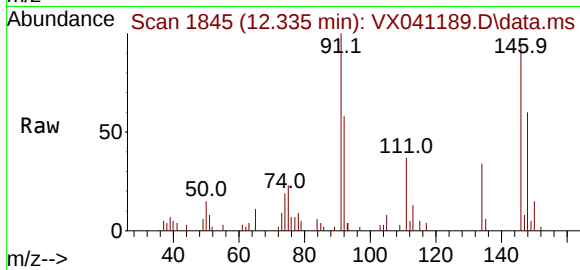
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 481   |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 57.3  | 27.4  | 82.0  |
| 134      | 29.8  | 12.6  | 37.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#90

Hexachloroethane

Concen: 0.885 ug/l

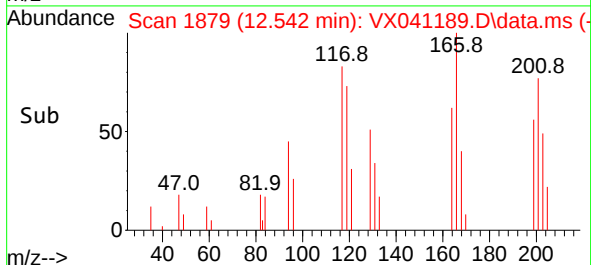
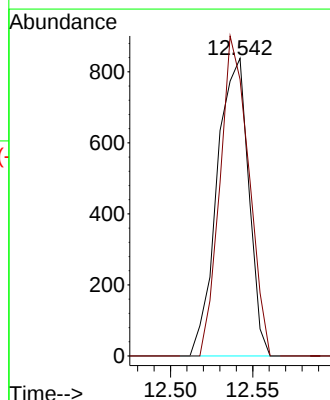
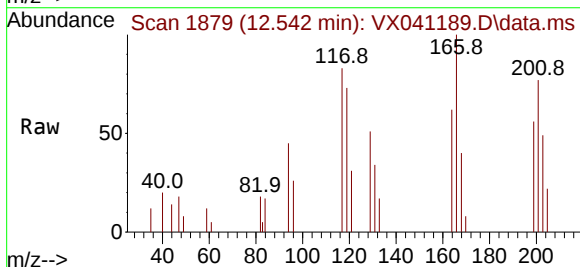
RT: 12.542 min Scan# 1879

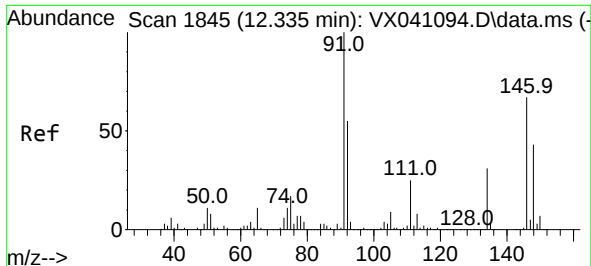
Delta R.T. 0.006 min

Lab File: VX041189.D

Acq: 22 Apr 2024 14:27

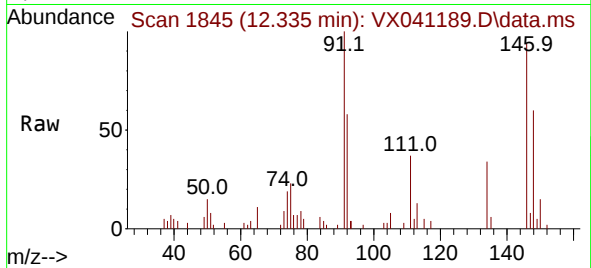
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 1118  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 97.9  | 32.9  | 98.6  |





#91  
1,2-Dichlorobenzene  
Concen: 1.062 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

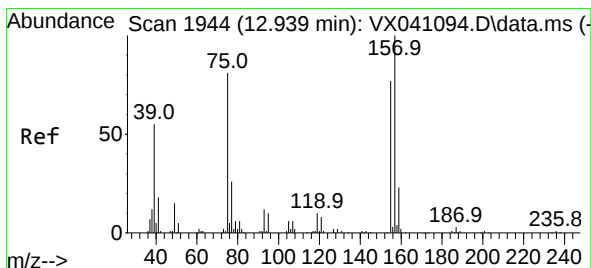
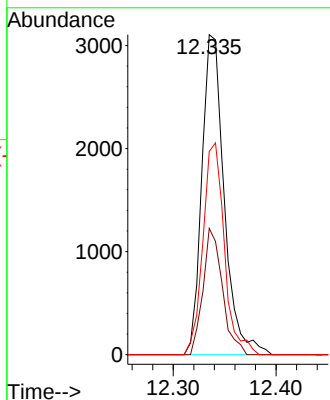
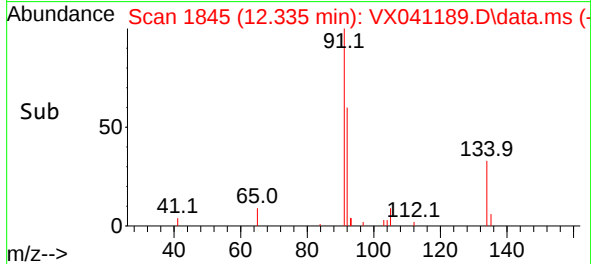
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion:146 Resp: 4698  
Ion Ratio Lower Upper  
146 100  
111 34.1 22.4 67.0  
148 63.6 31.6 95.0

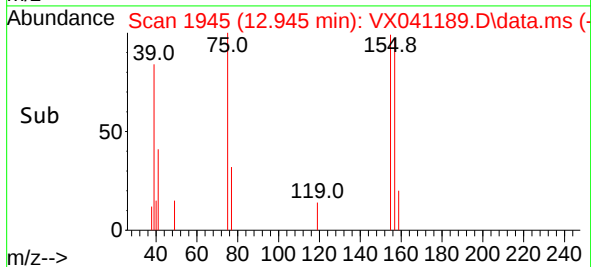
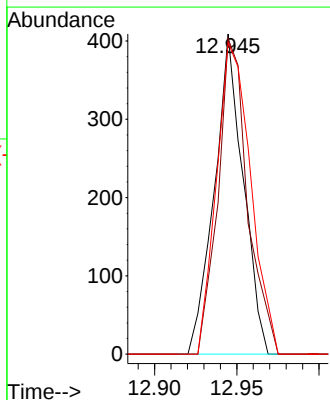
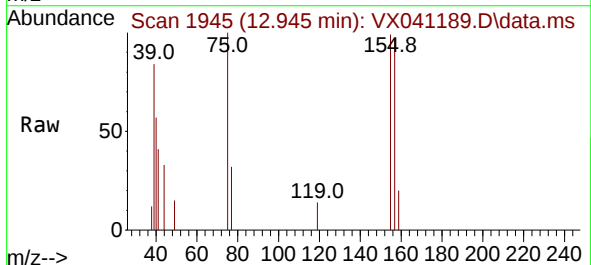
Manual Integrations  
APPROVED

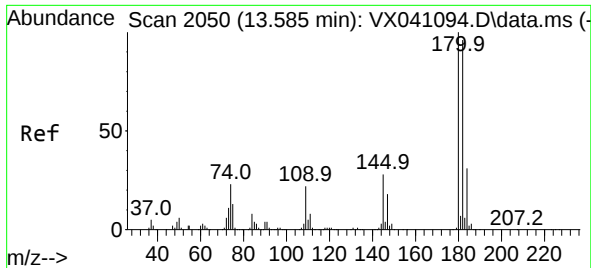
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.889 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

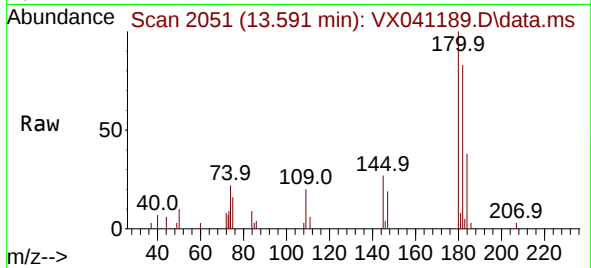
Tgt Ion: 75 Resp: 497  
Ion Ratio Lower Upper  
75 100  
155 101.6 36.1 108.5  
157 115.3 44.9 134.7





#93  
1,2,4-Trichlorobenzene  
Concen: 0.860 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

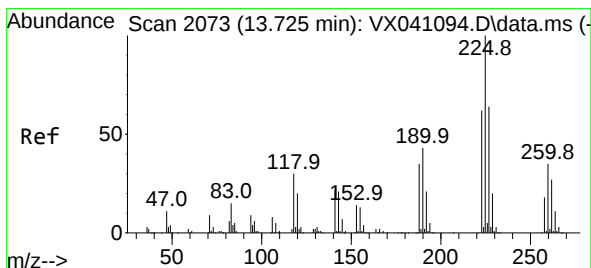
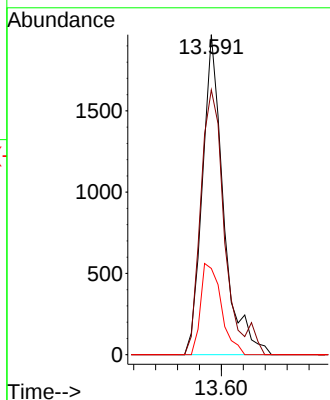
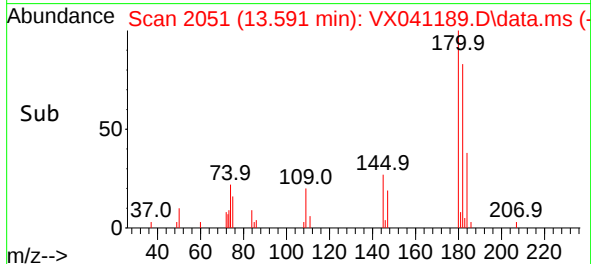
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion:180 Resp: 263  
Ion Ratio Lower Upper  
180 100  
182 93.6 48.3 144.8  
145 27.7 18.0 54.0

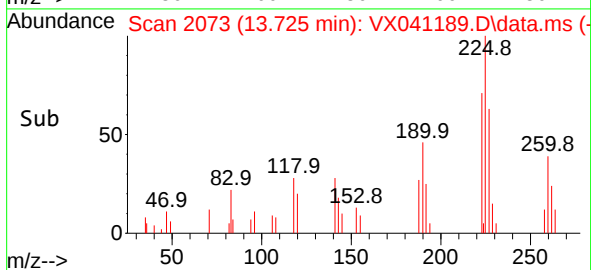
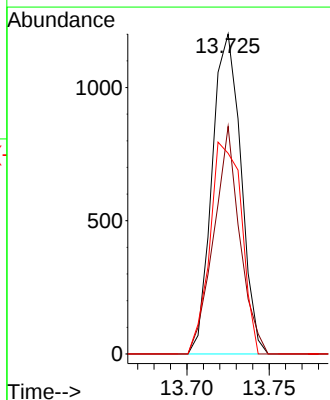
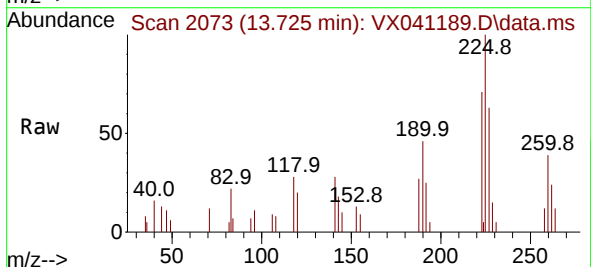
Manual Integrations  
APPROVED

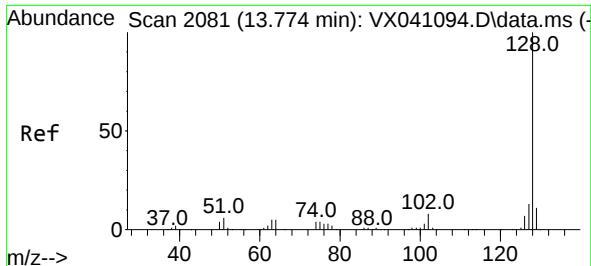
Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#94  
Hexachlorobutadiene  
Concen: 0.935 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

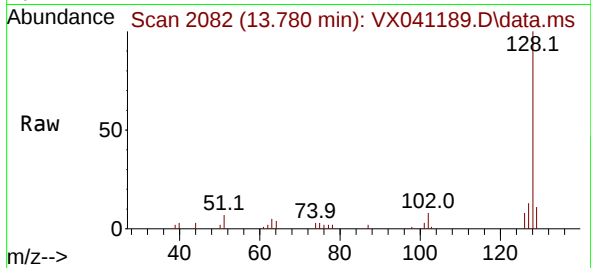
Tgt Ion:225 Resp: 1465  
Ion Ratio Lower Upper  
225 100  
223 64.4 31.1 93.2  
227 72.4 32.5 97.5





#95  
Naphthalene  
Concen: 0.927 ug/l  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

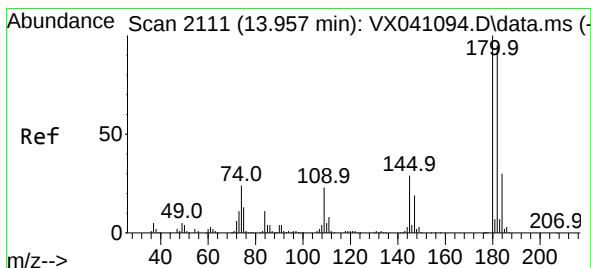
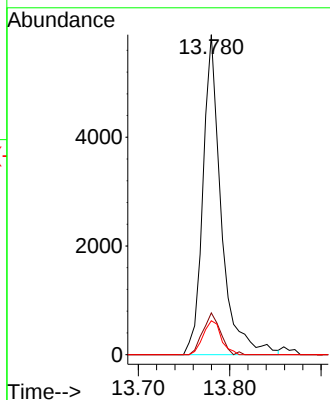
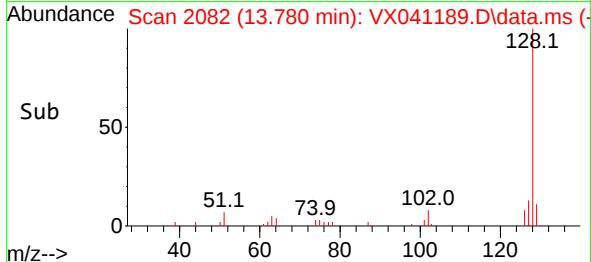
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion:128 Resp: 816  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.3 15.5  
129 10.5 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/23/2024  
Supervised By :Mahesh Dadoda 04/23/2024



#96  
1,2,3-Trichlorobenzene  
Concen: 1.001 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX041189.D  
Acq: 22 Apr 2024 14:27

Tgt Ion:180 Resp: 3232  
Ion Ratio Lower Upper  
180 100  
182 95.7 46.9 140.6  
145 24.1 17.8 53.5

