

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041024\  
 Data File : VN081682.D  
 Acq On : 10 Apr 2024 14:49  
 Operator : JC\MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Quant Time: Apr 11 09:08:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041024W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Apr 11 09:07:06 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 04/11/2024  
 Supervised By : Mahesh Dadoda 04/11/2024

| Compound                     | R.T. QIon      |     | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|-----|------------|---------|--------|----------|
| -----                        |                |     |            |         |        |          |
| Internal Standards           |                |     |            |         |        |          |
| 1) Bromochloromethane        | 7.818          | 128 | 34072      | 30.000  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.100          | 114 | 237130     | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.871         | 117 | 310477     | 30.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |     |            |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.577          | 65  | 113653     | 27.152  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |     | Recovery = | 90.500% | #      |          |
| 60) 4-Bromofluorobenzene     | 12.847         | 95  | 181515     | 29.736  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |     | Recovery = | 99.133% |        |          |
| 63) Toluene-d8               | 10.571         | 98  | 356934     | 28.660  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |     | Recovery = | 95.533% |        |          |
| Target Compounds             |                |     |            |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124          | 85  | 692625     | 145.482 | ug/l   | 98       |
| 3) Chloromethane             | 2.359          | 50  | 574821     | 139.162 | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.512          | 62  | 670106     | 157.769 | ug/l   | 96       |
| 5) Bromomethane              | 2.930          | 94  | 487717     | 135.585 | ug/l   | 94       |
| 6) Chloroethane              | 3.106          | 64  | 472216     | 142.046 | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.489          | 101 | 1194241    | 171.197 | ug/l   | 98       |
| 8) Diethyl Ether             | 3.959          | 74  | 393003     | 151.105 | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365          | 101 | 679201     | 141.960 | ug/l   | 97       |
| 10) 1,1-Dichloroethene       | 4.336          | 96  | 657763     | 157.354 | ug/l   | 98       |
| 11) Methyl Iodide            | 4.589          | 142 | 851461     | 171.252 | ug/l   | 92       |
| 12) Methyl Acetate           | 5.018          | 43  | 550606     | 136.811 | ug/l   | 88       |
| 13) Acrolein                 | 4.177          | 56  | 387804     | 730.864 | ug/l   | 98       |
| 14) Acrylonitrile            | 5.718          | 53  | 1441740    | 718.906 | ug/l   | 99       |
| 15) Acetone                  | 4.424          | 58  | 299823     | 678.074 | ug/l   | 90       |
| 16) Carbon Disulfide         | 4.712          | 76  | 1786054    | 143.156 | ug/l   | 97       |
| 17) Allyl chloride           | 5.018          | 41  | 775227     | 146.058 | ug/l   | 92       |
| 18) Methylene Chloride       | 5.277          | 84  | 711517     | 140.832 | ug/l   | 96       |
| 19) trans-1,2-Dichloroethene | 5.783          | 96  | 697933     | 145.056 | ug/l   | 88       |
| 20) Diisopropyl ether        | 6.671          | 45  | 1864806    | 147.091 | ug/l   | 94       |
| 21) 1,1-Dichloroethane       | 6.571          | 63  | 1181022    | 140.179 | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 7.489          | 96  | 839986     | 144.570 | ug/l   | 93       |
| 23) tert-Butyl Alcohol       | 5.518          | 59  | 502716     | 706.140 | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.795          | 73  | 2061254    | 150.211 | ug/l   | 99       |
| 25) Chloroform               | 7.965          | 83  | 1334760    | 139.239 | ug/l   | 99       |
| 26) Cyclohexane              | 8.259          | 56  | 1012320    | 149.883 | ug/l # | 83       |
| 29) 1,1-Dichloropropene      | 8.371          | 75  | 928538     | 148.943 | ug/l   | 97       |
| 30) 2-Butanone               | 7.483          | 43  | 1674201    | 703.184 | ug/l   | 96       |
| 31) 2,2-Dichloropropane      | 7.489          | 77  | 1109762    | 142.915 | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 8.165          | 97  | 1237053    | 143.975 | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 8.365          | 117 | 1113062    | 142.916 | ug/l   | 97       |
| 34) Benzene                  | 8.606          | 78  | 2897195    | 144.265 | ug/l   | 98       |
| 35) Methacrylonitrile        | 7.783          | 41  | 405033     | 150.191 | ug/l   | 91       |
| 36) 1,2-Dichloroethane       | 8.671          | 62  | 906365     | 137.596 | ug/l   | 100      |
| 37) Trichloroethene          | 9.353          | 130 | 794137     | 149.435 | ug/l   | 94       |
| 38) Methylcyclohexane        | 9.600          | 83  | 1189915    | 156.161 | ug/l   | 93       |
| 39) 1,2-Dichloropropane      | 9.624          | 63  | 659177     | 140.695 | ug/l   | 99       |
| 40) Dibromomethane           | 9.712          | 93  | 523610     | 140.302 | ug/l   | 97       |
| 41) Bromodichloromethane     | 9.888          | 83  | 1091308    | 143.395 | ug/l   | 98       |
| 42) Vinyl Acetate            | 6.600          | 43  | 7444973    | 750.628 | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041024\  
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 Acq On : 10 Apr 2024 14:49  
 Operator : JC\MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/11/2024  
 Supervised By : Mahesh Dadoda 04/11/2024

Quant Time: Apr 11 09:08:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041024W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Apr 11 09:07:06 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 7.559  | 43   | 755451   | 143.532  | ug/l   | 96       |
| 44) Isopropyl Acetate         | 8.688  | 43   | 1295275  | 147.324  | ug/l   | 97       |
| 45) 1,4-Dioxane               | 9.700  | 88   | 279484   | 2879.651 | ug/l   | 91       |
| 46) Methyl methacrylate       | 9.682  | 41   | 574061   | 145.195  | ug/l   | 90       |
| 47) n-amyl Acetate            | 12.494 | 43   | 1231918  | 156.152  | ug/l   | 92       |
| 48) t-1,3-Dichloropropene     | 10.835 | 75   | 1113708  | 153.602  | ug/l   | 96       |
| 49) cis-1,3-Dichloropropene   | 10.312 | 75   | 1176061  | 150.620  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane     | 11.018 | 97   | 715456   | 143.170  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.877 | 69   | 1096805  | 157.629  | ug/l   | 96       |
| 52) 1,3-Dichloropropane       | 11.165 | 76   | 1167087  | 142.485  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.365 | 129  | 887041   | 148.597  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.471 | 107  | 746068   | 144.435  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 10.165 | 63   | 2754582  | 806.158  | ug/l   | 98       |
| 56) Bromoform                 | 12.582 | 173  | 580525   | 152.088  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 10.447 | 43   | 3883612  | 727.365  | ug/l   | 96       |
| 59) 2-Hexanone                | 11.200 | 43   | 2871205  | 716.040  | ug/l   | 96       |
| 61) Tetrachloroethene         | 11.106 | 164  | 838381   | 145.730  | ug/l   | 95       |
| 62) Toluene                   | 10.629 | 91   | 3331211  | 147.478  | ug/l   | 100      |
| 64) Chlorobenzene             | 11.894 | 112  | 2152671  | 150.295  | ug/l   | 96       |
| 65) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 764451   | 146.930  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.965 | 91   | 3798269  | 158.159  | ug/l   | 98       |
| 67) m/p-Xylenes               | 12.071 | 106  | 2972741  | 312.498  | ug/l   | 94       |
| 68) o-Xylene                  | 12.400 | 106  | 1443560  | 159.848  | ug/l   | 94       |
| 69) Styrene                   | 12.412 | 104  | 2464863  | 160.265  | ug/l   | 96       |
| 70) Isopropylbenzene          | 12.694 | 105  | 3722444  | 159.776  | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 849499   | 139.584  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.994 | 75   | 708285m  | 82.522   | ug/l   |          |
| 73) Bromobenzene              | 12.982 | 156  | 866391   | 150.077  | ug/l   | 89       |
| 74) n-propylbenzene           | 13.035 | 91   | 4380094  | 156.972  | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 13.129 | 91   | 2548469  | 153.387  | ug/l   | 93       |
| 76) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 3088564  | 156.188  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 12.735 | 75   | 367021   | 157.292  | ug/l   | 93       |
| 78) 4-Chlorotoluene           | 13.223 | 91   | 2539080  | 154.079  | ug/l   | 93       |
| 79) tert-butylbenzene         | 13.441 | 119  | 2719735  | 161.665  | ug/l   | 96       |
| 80) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 3091775  | 156.777  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 13.618 | 105  | 3917341  | 161.459  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 13.729 | 119  | 3353777  | 164.821  | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.735 | 146  | 1636444  | 151.677  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.812 | 146  | 1615731  | 154.706  | ug/l   | 97       |
| 85) n-Butylbenzene            | 14.059 | 91   | 2844986  | 165.989  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.335 | 117  | 609121   | 156.693  | ug/l   | 88       |
| 87) 1,2-Dichlorobenzene       | 14.106 | 146  | 1547584  | 150.695  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 197729   | 149.035  | ug/l   | 91       |
| 89) 1,2,4-Trichlorobenzene    | 15.841 | 180  | 932041   | 164.447  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 15.506 | 225  | 351196   | 155.692  | ug/l   | 98       |
| 91) Naphthalene               | 15.641 | 128  | 3162063  | 174.730  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 932041   | 165.582  | ug/l   | 99       |

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

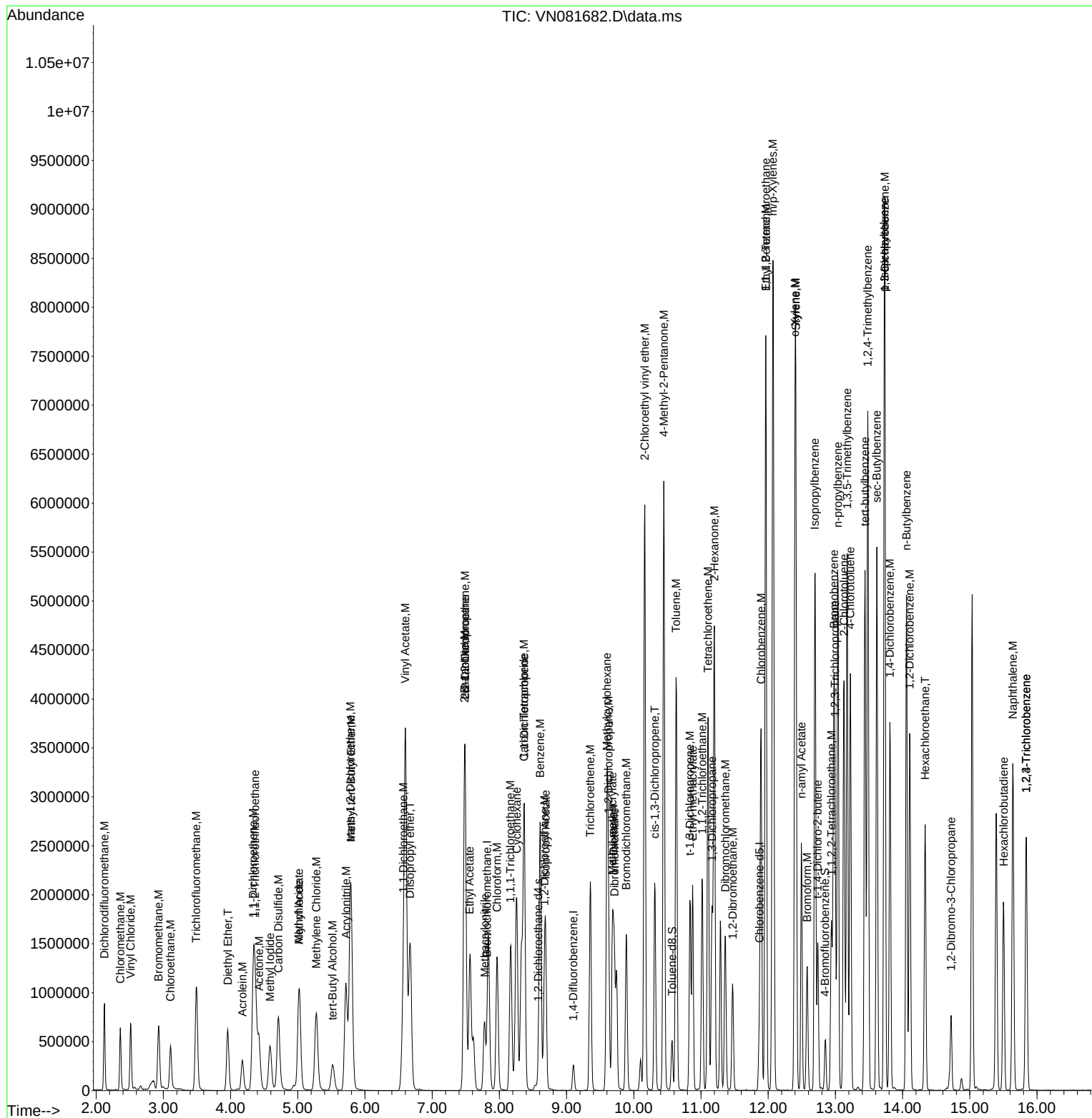
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 Data File : VN081682.D  
 Acq On : 10 Apr 2024 14:49  
 Operator : JC\MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

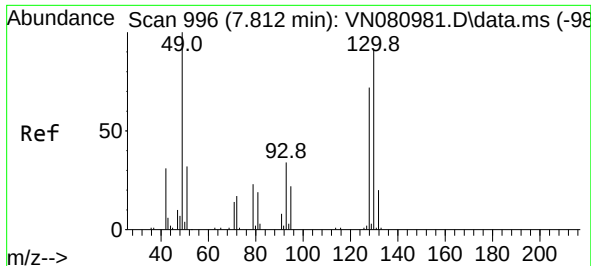
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

### Manual Integrations APPROVED

Reviewed By : John Carlone 04/11/2024  
 Supervised By : Mahesh Dadoda 04/11/2024

Quant Time: Apr 11 09:08:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041024W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Apr 11 09:07:06 2024  
 Response via : Initial Calibration





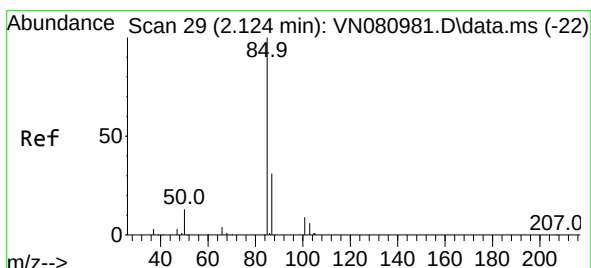
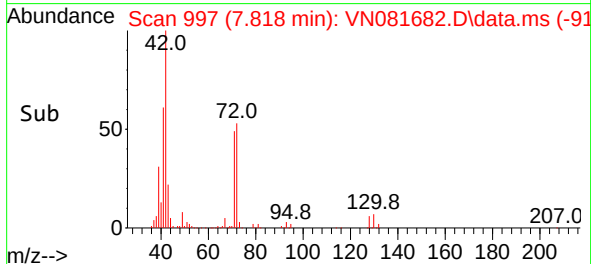
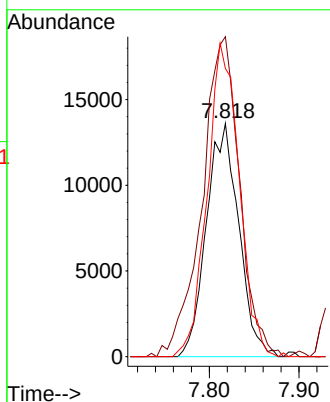
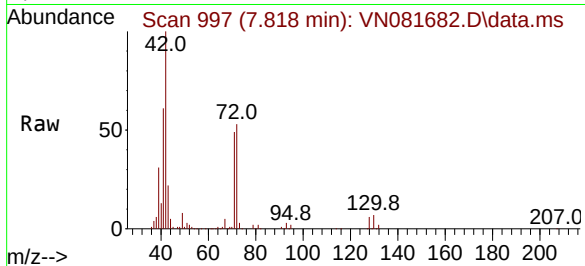
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.818 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion:128 Resp: 34072  
Ion Ratio Lower Upper  
128 100  
49 159.0 0.0 403.7  
130 133.1 0.0 323.3

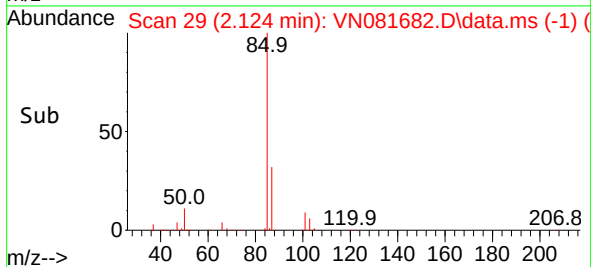
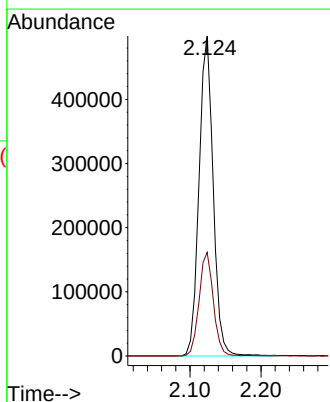
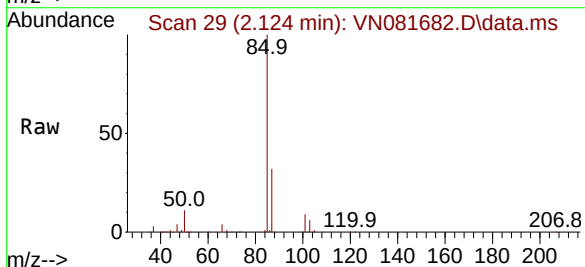
Manual Integrations  
APPROVED

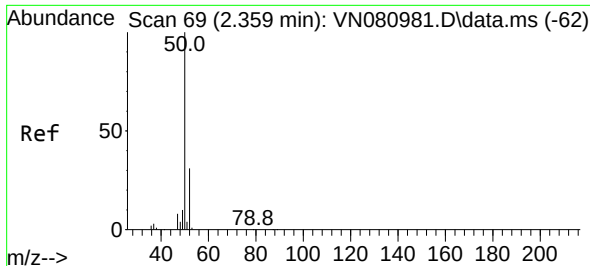
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#2  
Dichlorodifluoromethane  
Concen: 145.482 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

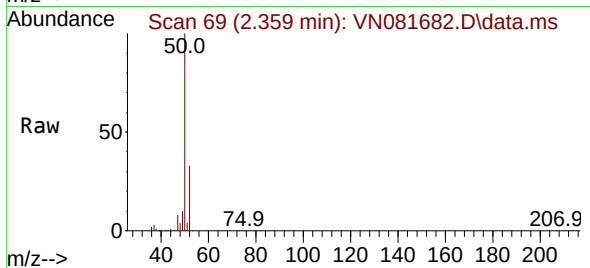
Tgt Ion: 85 Resp: 692625  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.8 50.3





#3  
Chloromethane  
Concen: 139.162 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

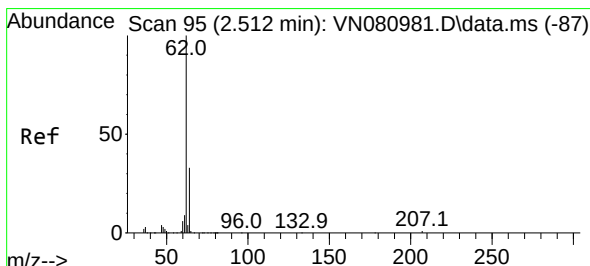
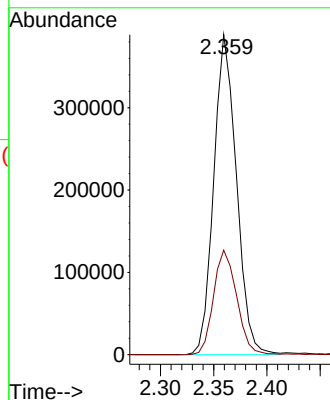
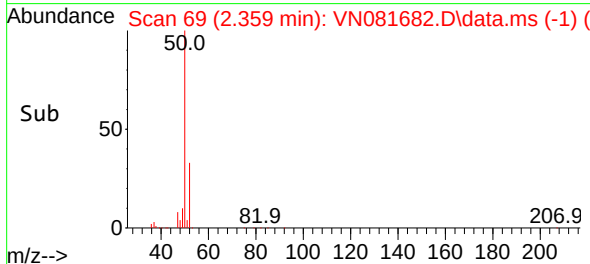
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 50 Resp: 57482  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.4 38.0

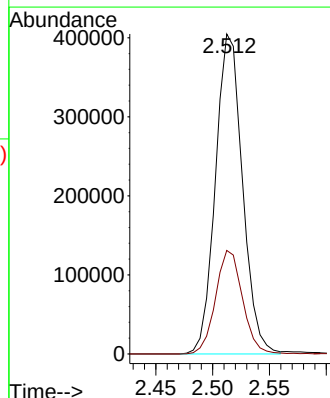
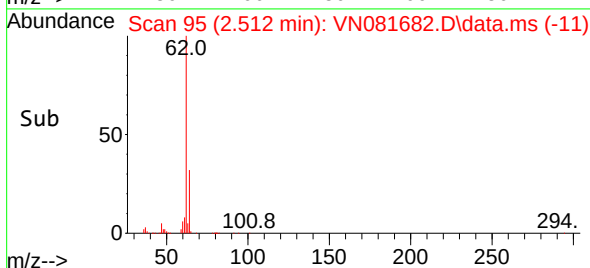
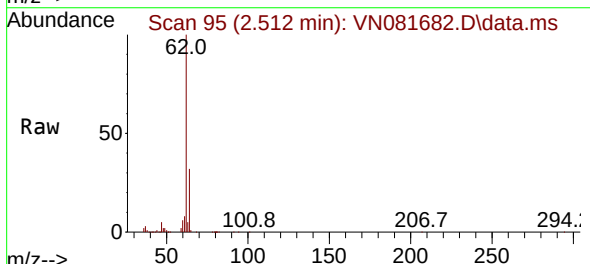
Manual Integrations  
APPROVED

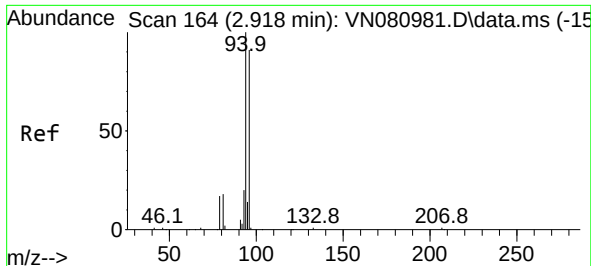
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#4  
Vinyl Chloride  
Concen: 157.769 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 62 Resp: 670106  
Ion Ratio Lower Upper  
62 100  
64 32.4 24.1 36.1





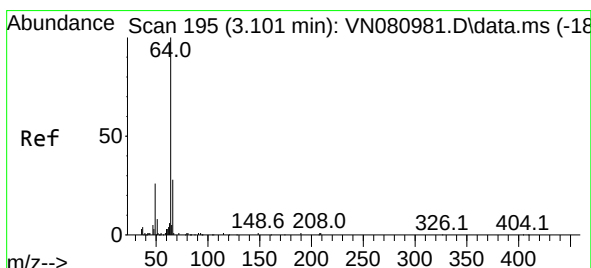
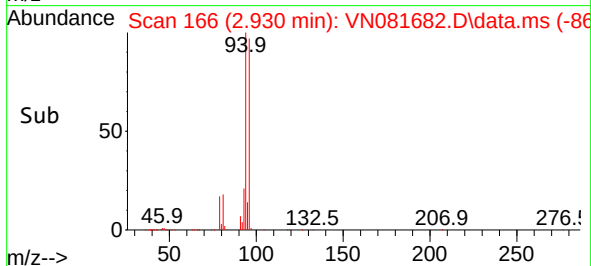
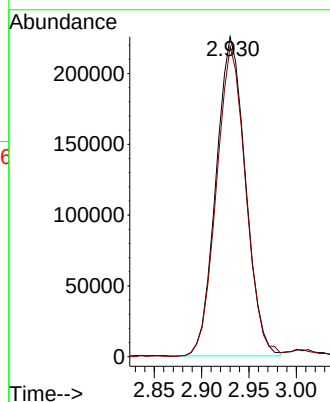
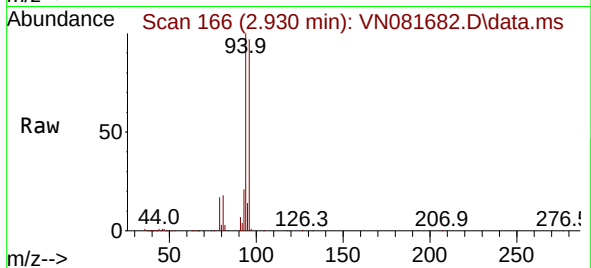
#5  
Bromomethane  
Concen: 135.585 ug/l  
RT: 2.930 min Scan# 166  
Delta R.T. -0.029 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion: 94 Resp: 48771  
Ion Ratio Lower Upper  
94 100  
96 97.0 72.8 109.2

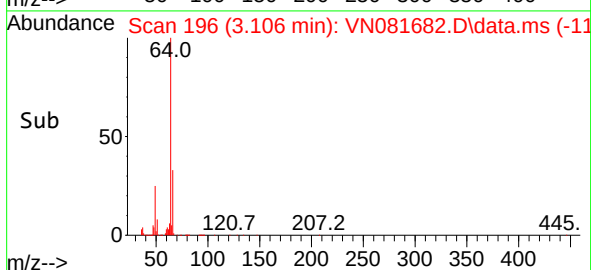
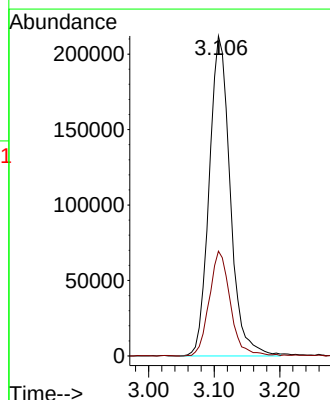
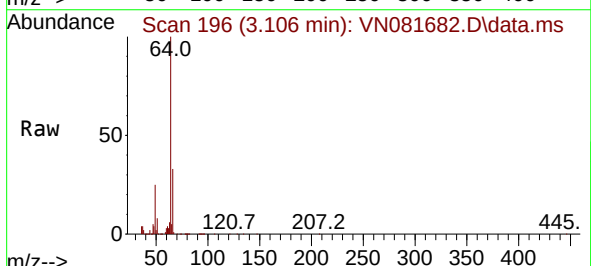
Manual Integrations  
APPROVED

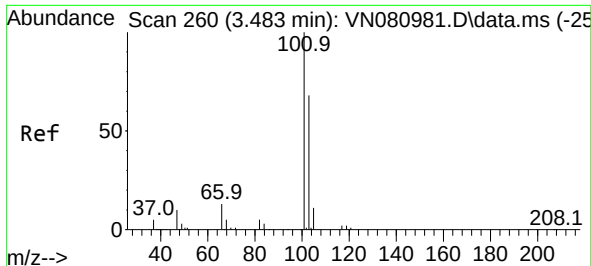
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#6  
Chloroethane  
Concen: 142.046 ug/l  
RT: 3.106 min Scan# 196  
Delta R.T. -0.018 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

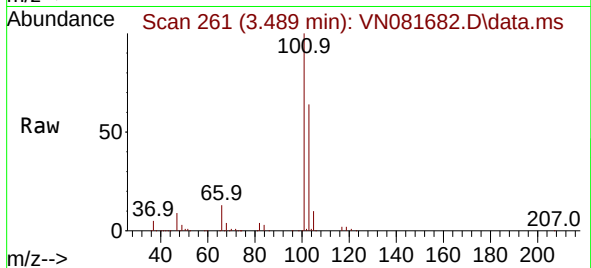
Tgt Ion: 64 Resp: 472216  
Ion Ratio Lower Upper  
64 100  
66 32.7 26.7 40.1





#7  
 Trichlorofluoromethane  
 Concen: 171.197 ug/l  
 RT: 3.489 min Scan# 20  
 Delta R.T. -0.012 min  
 Lab File: VN081682.D  
 Acq: 10 Apr 2024 14:49

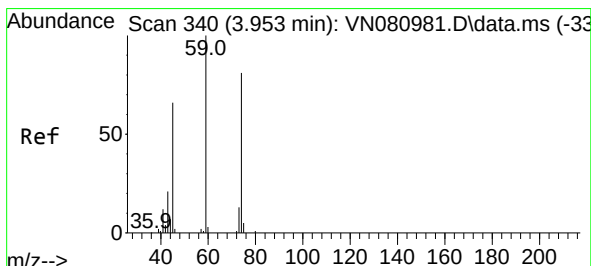
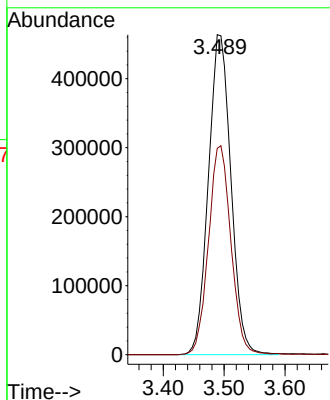
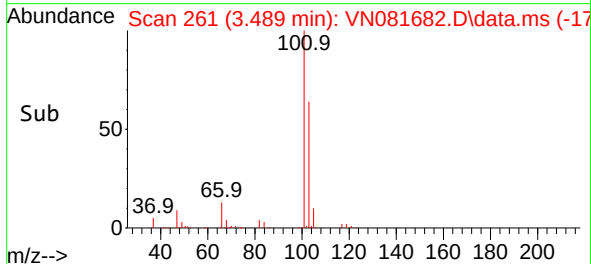
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150



Tgt Ion:101 Resp: 119424  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 53.0 79.4

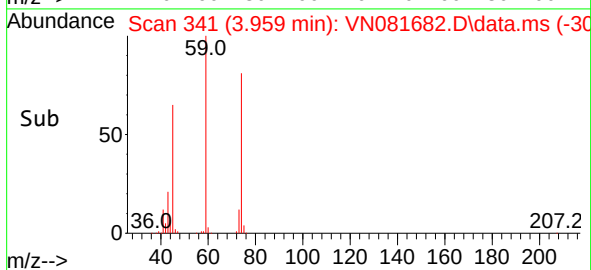
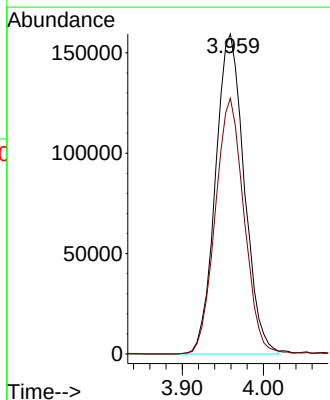
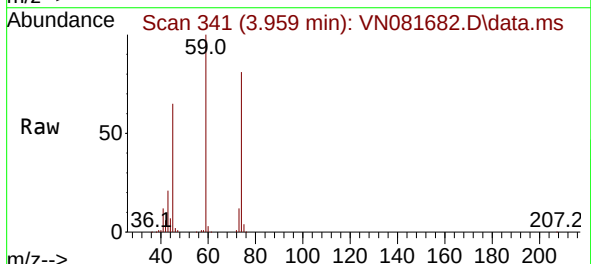
Manual Integrations  
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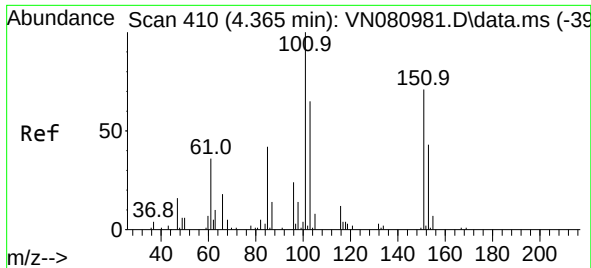
Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024



#8  
 Diethyl Ether  
 Concen: 151.105 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN081682.D  
 Acq: 10 Apr 2024 14:49

Tgt Ion: 74 Resp: 393003  
 Ion Ratio Lower Upper  
 74 100  
 45 79.7 16.4 147.4





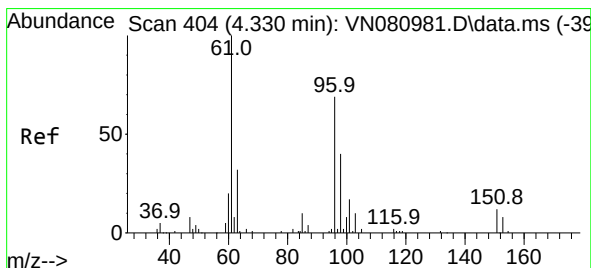
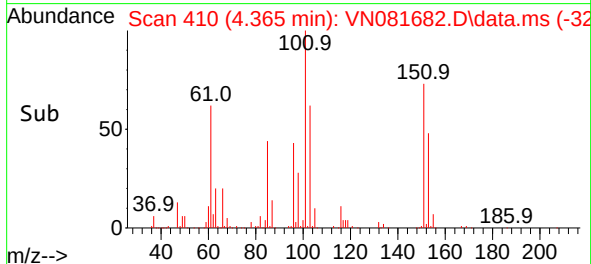
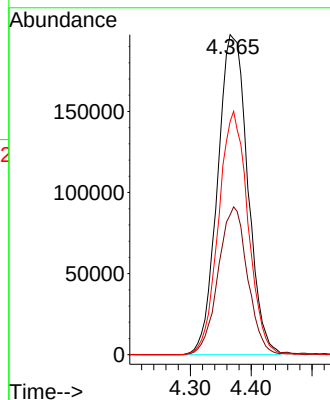
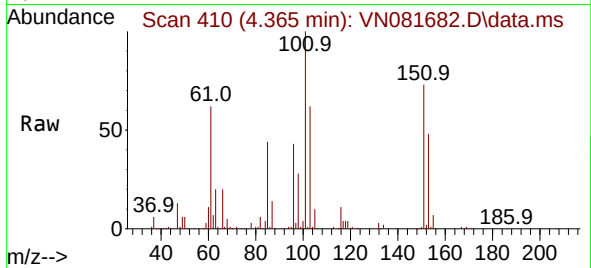
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 141.960 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. -0.012 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

Tgt Ion:101 Resp: 67920  
Ion Ratio Lower Upper  
101 100  
85 45.0 0.0 90.6  
151 74.2 0.0 157.6

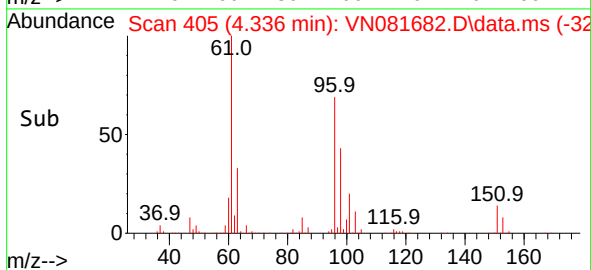
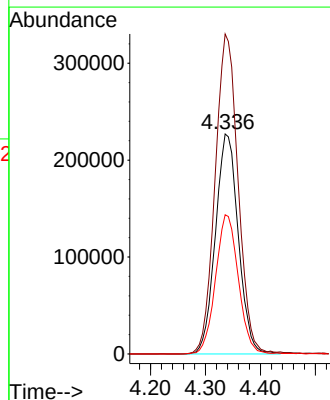
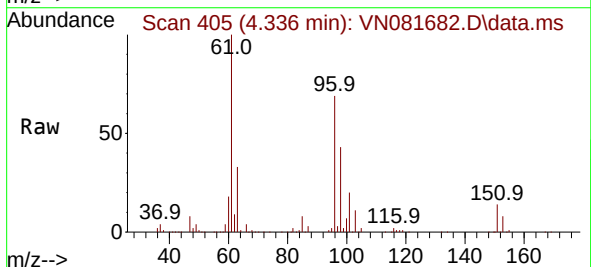
Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

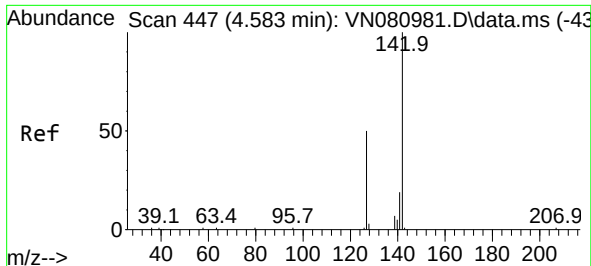


#10  
1,1-Dichloroethene  
Concen: 157.354 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 96 Resp: 657763  
Ion Ratio Lower Upper  
96 100  
61 145.4 117.6 176.4  
98 63.2 48.4 72.6

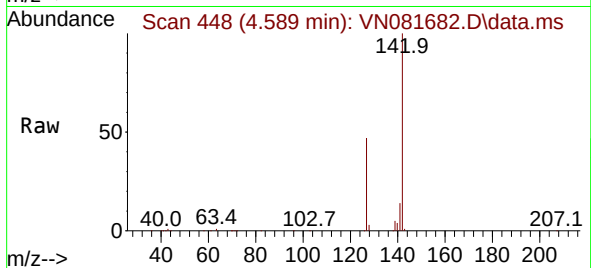






#11  
Methyl Iodide  
Concen: 171.252 ug/l  
RT: 4.589 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

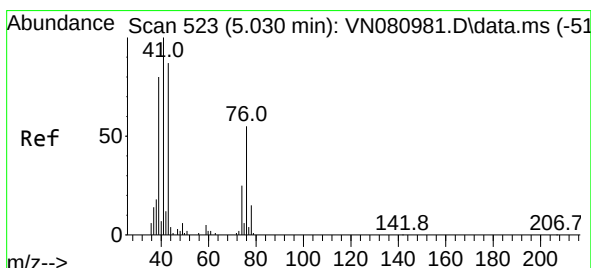
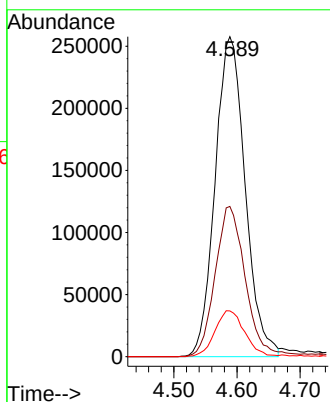
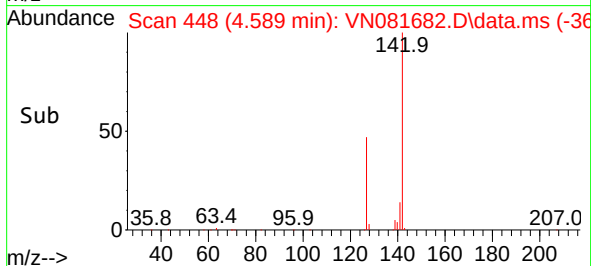
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion:142 Resp: 85146  
Ion Ratio Lower Upper  
142 100  
127 46.8 26.3 78.9  
141 14.3 8.3 24.9

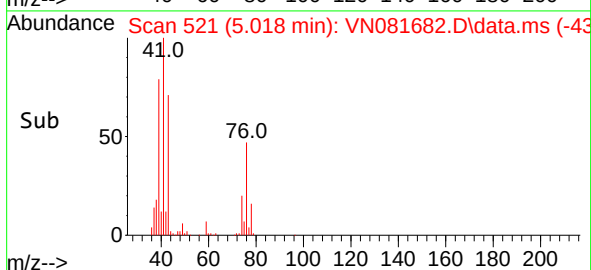
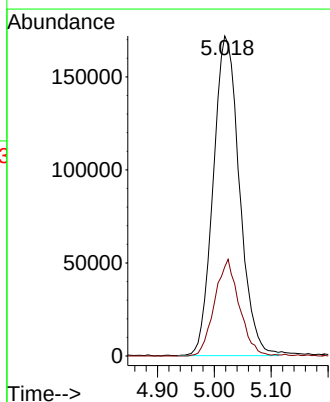
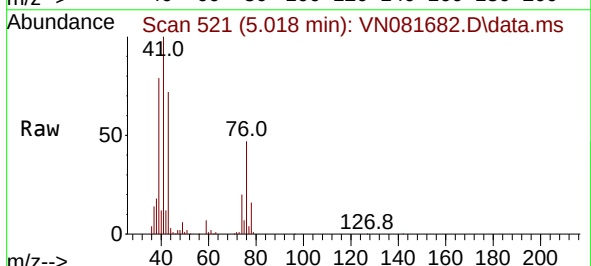
Manual Integrations  
APPROVED

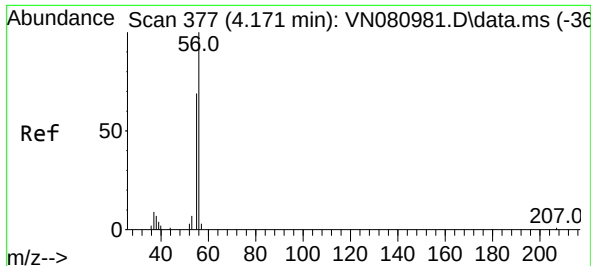
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#12  
Methyl Acetate  
Concen: 136.811 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 43 Resp: 550606  
Ion Ratio Lower Upper  
43 100  
74 27.9 27.7 41.5





#13

Acrolein

Concen: 730.864 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 387804

Ion Ratio Lower Upper

56 100

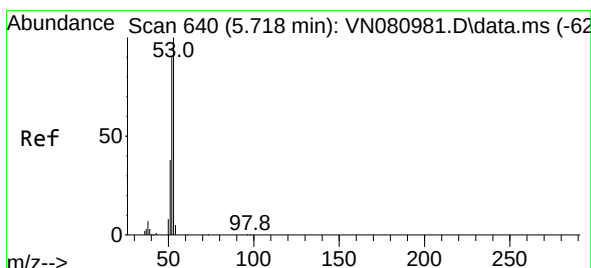
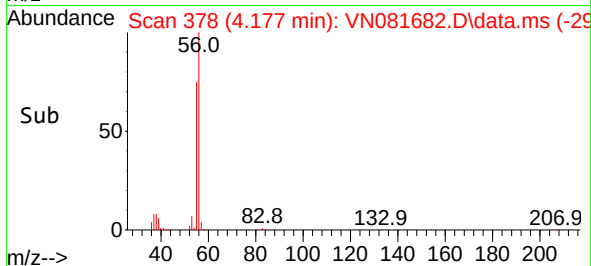
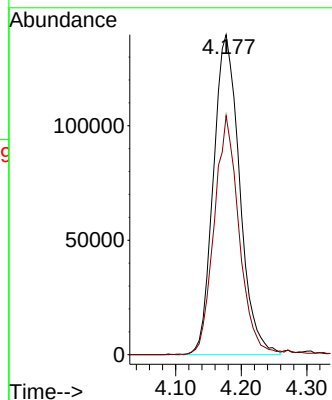
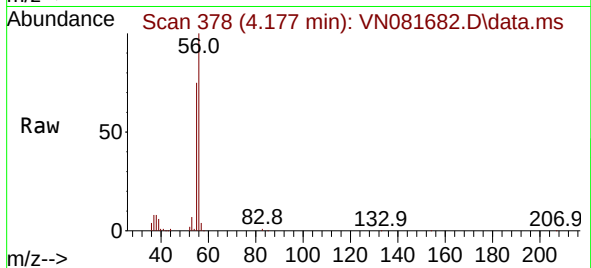
55 70.8 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#14

Acrylonitrile

Concen: 718.906 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

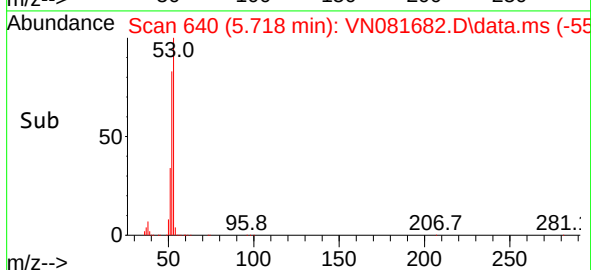
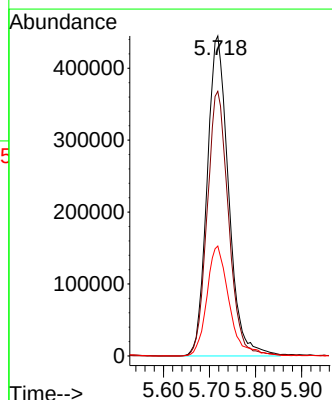
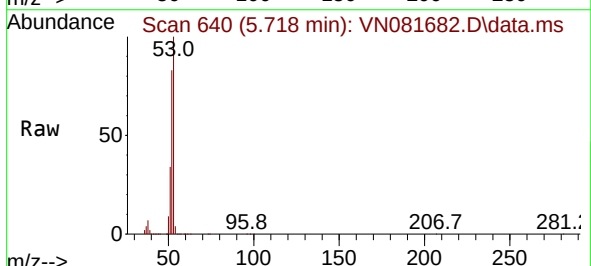
Tgt Ion: 53 Resp: 1441740

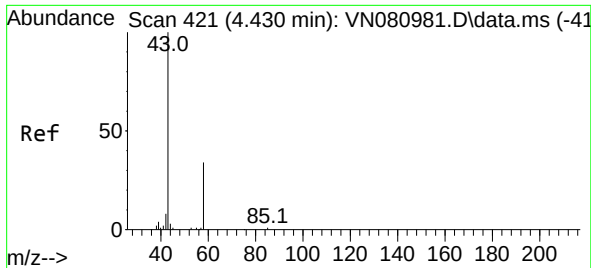
Ion Ratio Lower Upper

53 100

52 81.9 41.3 123.9

51 35.3 16.8 50.3





#15

Acetone

Concen: 678.074 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC150

Tgt Ion: 58 Resp: 29982

Ion Ratio Lower Upper

58 100

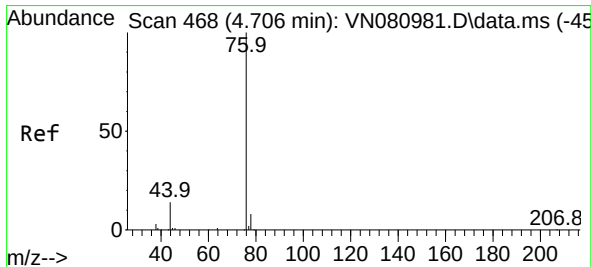
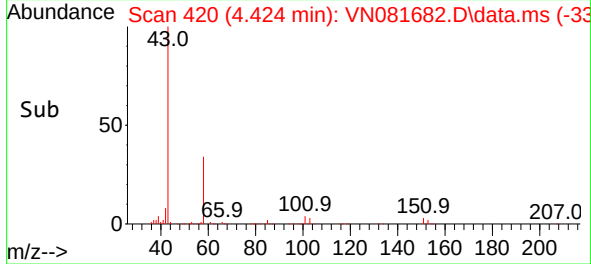
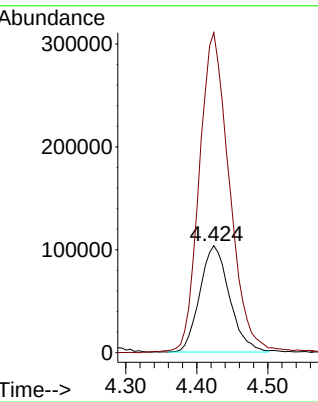
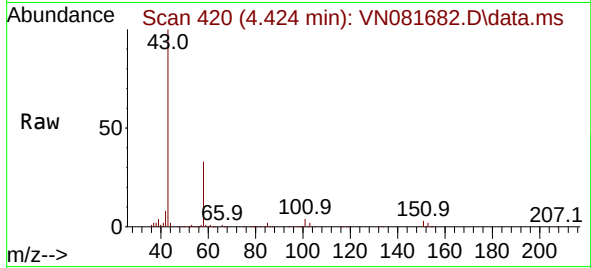
43 298.5 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#16

Carbon Disulfide

Concen: 143.156 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081682.D

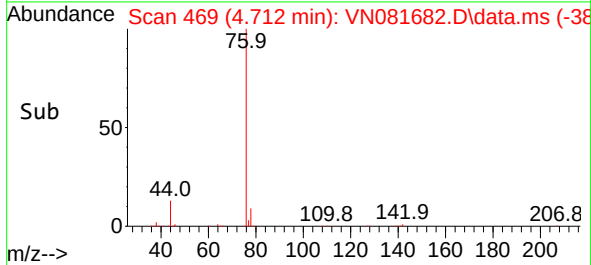
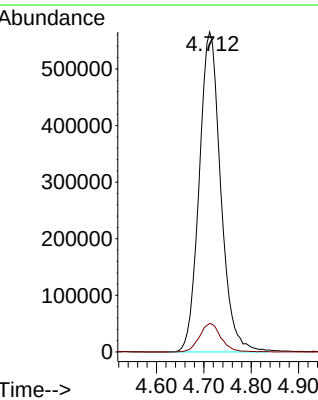
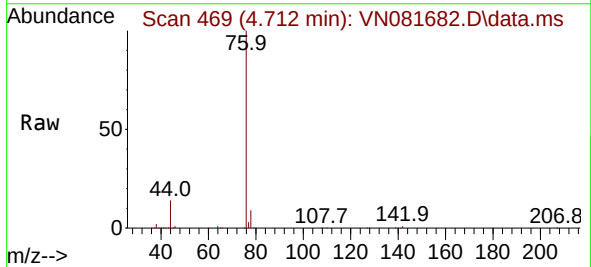
Acq: 10 Apr 2024 14:49

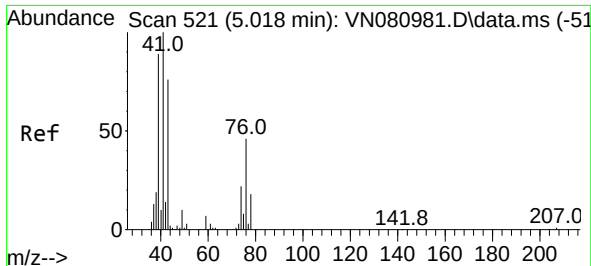
Tgt Ion: 76 Resp: 1786054

Ion Ratio Lower Upper

76 100

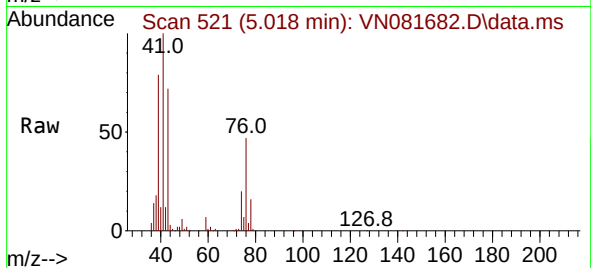
78 8.9 6.3 9.5





#17  
 Allyl chloride  
 Concen: 146.058 ug/l  
 RT: 5.018 min Scan# 51  
 Delta R.T. -0.006 min  
 Lab File: VN081682.D  
 Acq: 10 Apr 2024 14:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

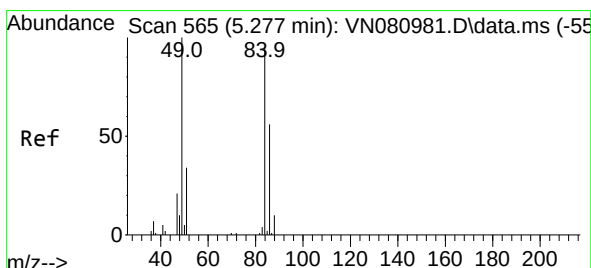
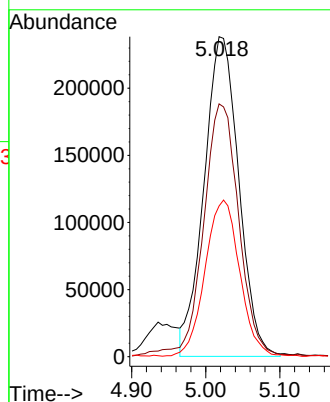
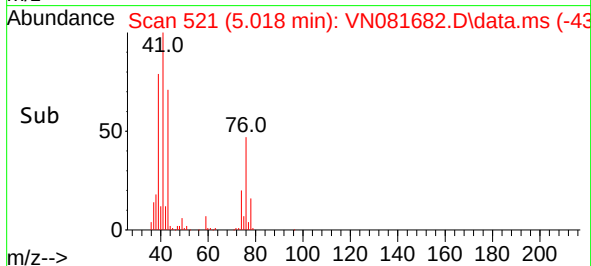


Tgt Ion: 41 Resp: 77522

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 79.0  | 37.6  | 112.9 |
| 76  | 46.9  | 27.8  | 83.4  |

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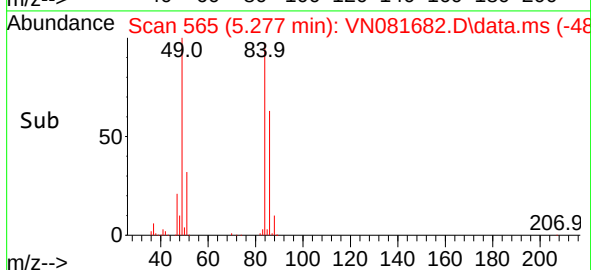
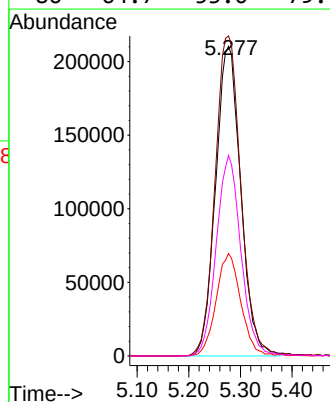
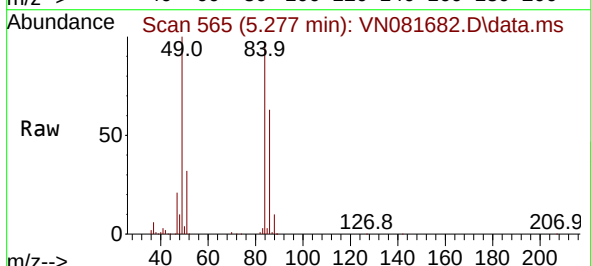
Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024

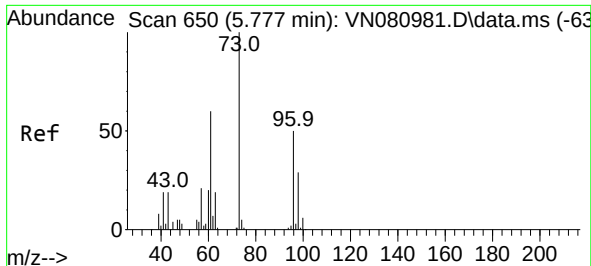


#18  
 Methylene Chloride  
 Concen: 140.832 ug/l  
 RT: 5.277 min Scan# 565  
 Delta R.T. -0.006 min  
 Lab File: VN081682.D  
 Acq: 10 Apr 2024 14:49

Tgt Ion: 84 Resp: 711517

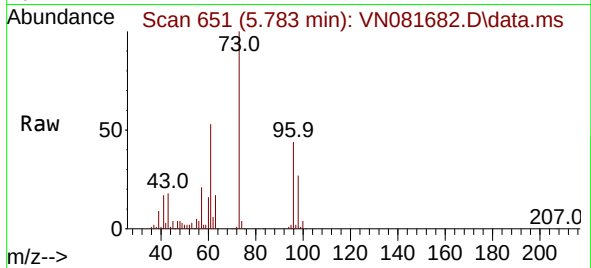
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 103.3 | 86.0  | 129.0 |
| 51  | 33.1  | 30.0  | 45.0  |
| 86  | 64.7  | 53.0  | 79.4  |





#19  
trans-1,2-Dichloroethene  
Concen: 145.056 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

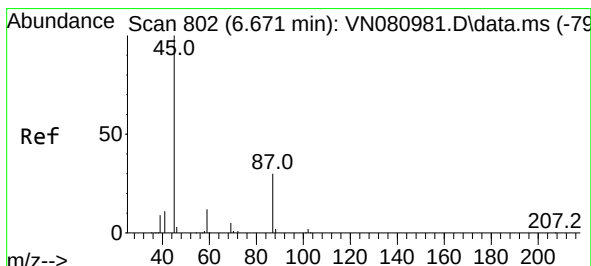
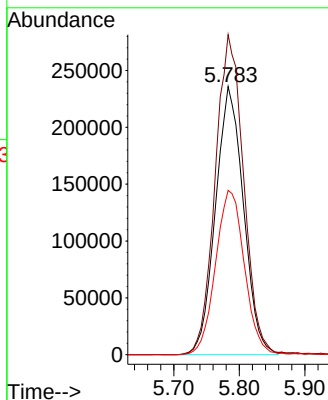
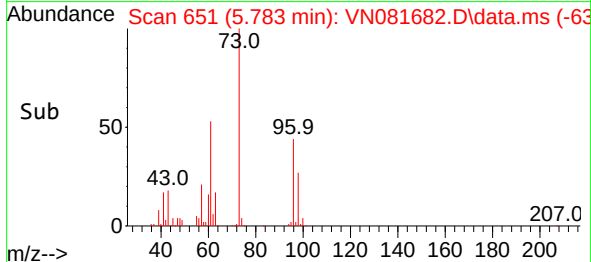
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 96 Resp: 69793  
Ion Ratio Lower Upper  
96 100  
61 119.3 111.8 167.6  
98 61.2 49.2 73.8

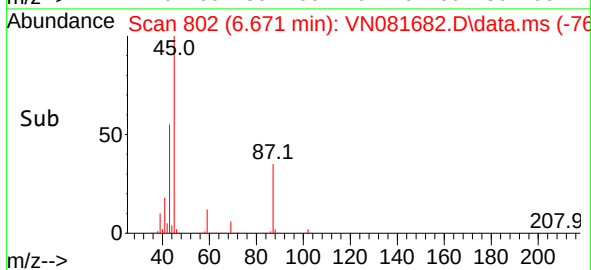
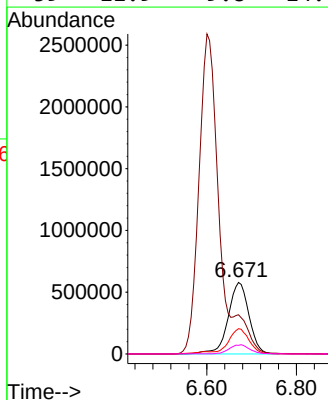
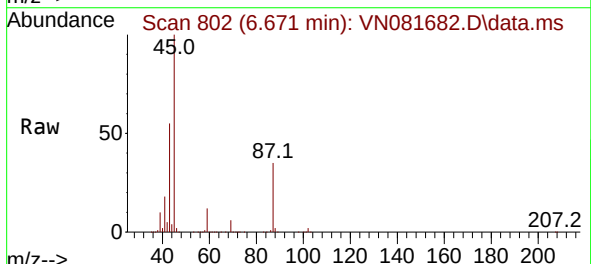
Manual Integrations  
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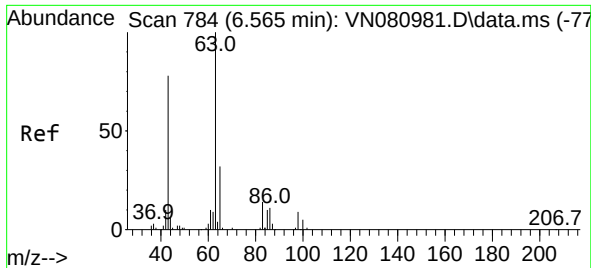
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#20  
Diisopropyl ether  
Concen: 147.091 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 45 Resp: 1864806  
Ion Ratio Lower Upper  
45 100  
43 54.2 40.4 60.6  
87 35.1 23.8 35.8  
59 11.9 9.8 14.6





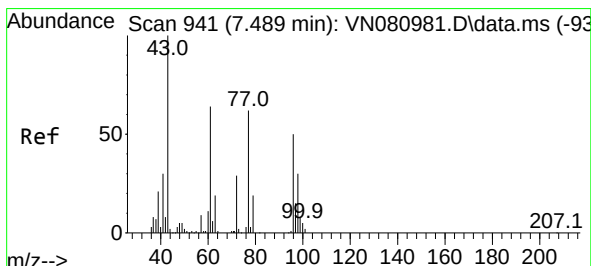
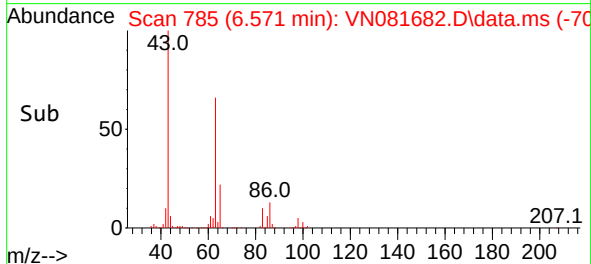
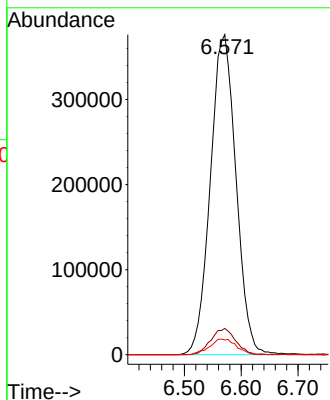
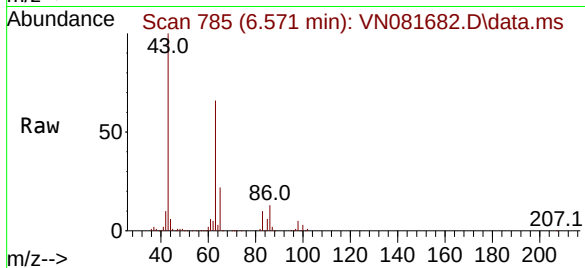
#21  
1,1-Dichloroethane  
Concen: 140.179 ug/l  
RT: 6.571 min Scan# 784  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion: 63 Resp: 118102  
Ion Ratio Lower Upper  
63 100  
98 8.2 4.1 12.3  
100 4.6 3.0 9.0

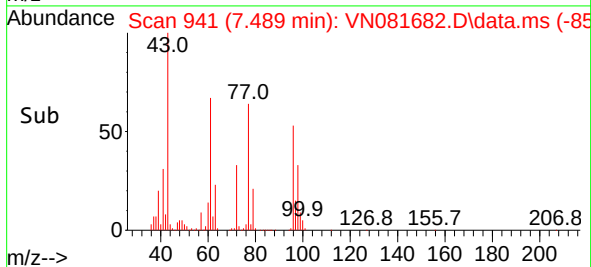
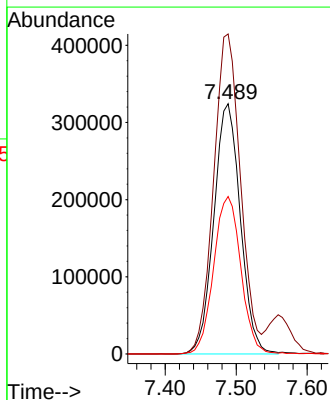
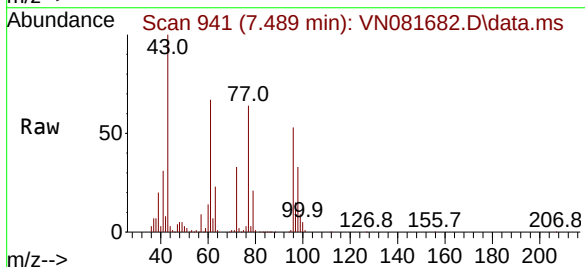
Manual Integrations  
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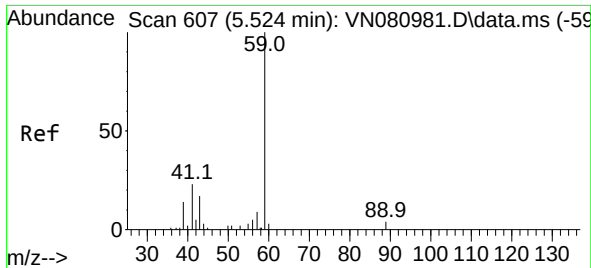
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#22  
cis-1,2-Dichloroethene  
Concen: 144.570 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 96 Resp: 839986  
Ion Ratio Lower Upper  
96 100  
61 129.9 113.5 170.3  
98 64.6 52.0 78.0





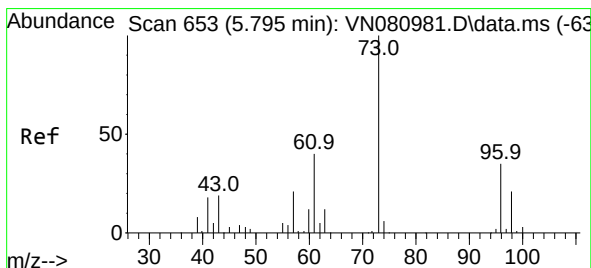
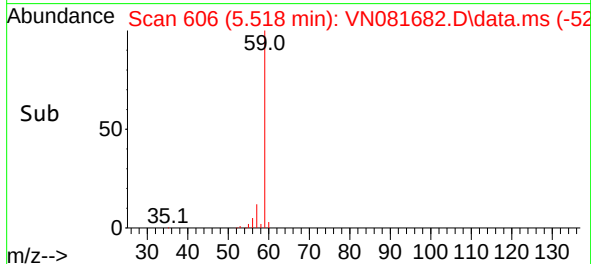
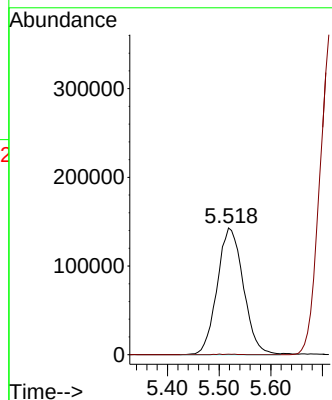
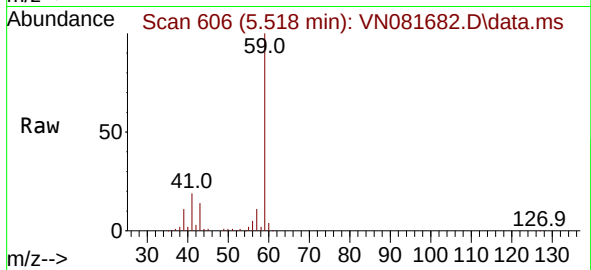
#23  
tert-Butyl Alcohol  
Concen: 706.140 ug/l  
RT: 5.518 min Scan# 607  
Delta R.T. 0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion: 59 Resp: 502710  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.0 0.0

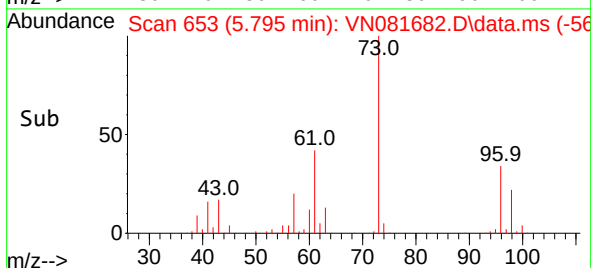
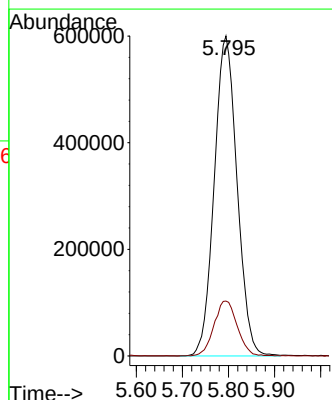
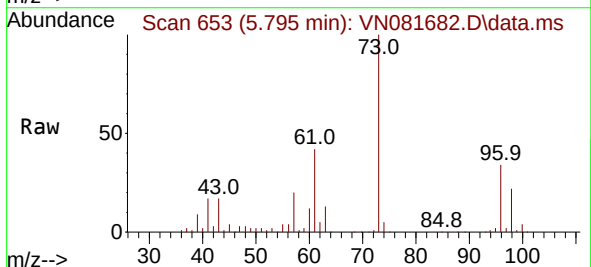
Manual Integrations  
APPROVED

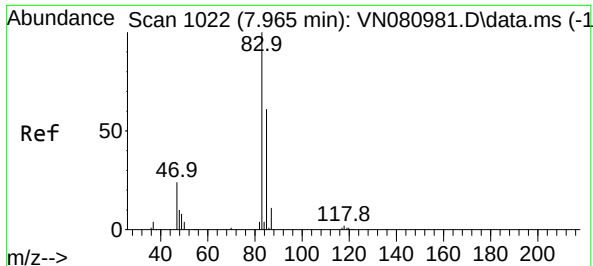
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#24  
Methyl tert-Butyl Ether  
Concen: 150.211 ug/l  
RT: 5.795 min Scan# 653  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 73 Resp: 2061254  
Ion Ratio Lower Upper  
73 100  
43 17.4 13.4 20.2





#25

Chloroform

Concen: 139.239 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 1334760

Ion Ratio Lower Upper

83 100

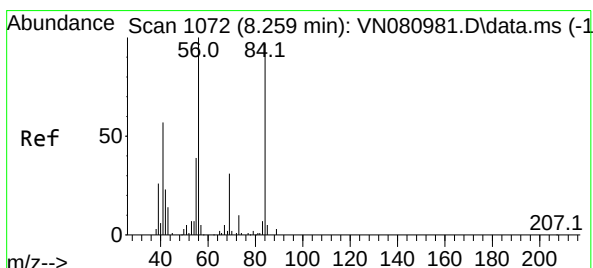
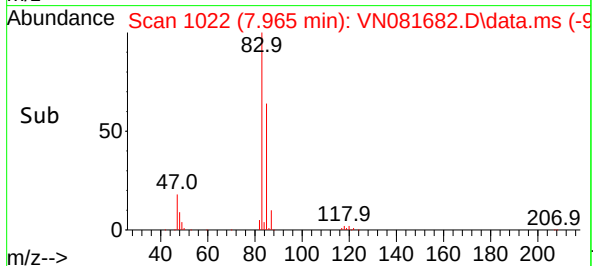
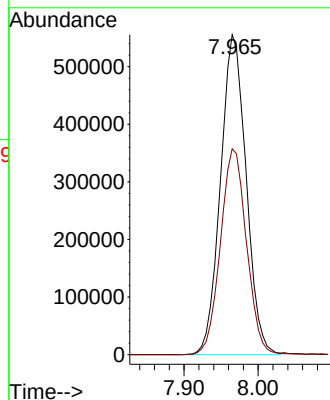
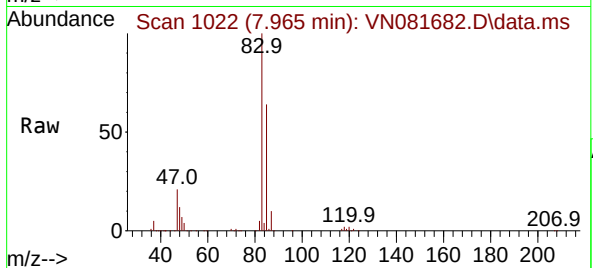
85 64.4 50.9 76.3

Manual Integrations

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Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#26

Cyclohexane

Concen: 149.883 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

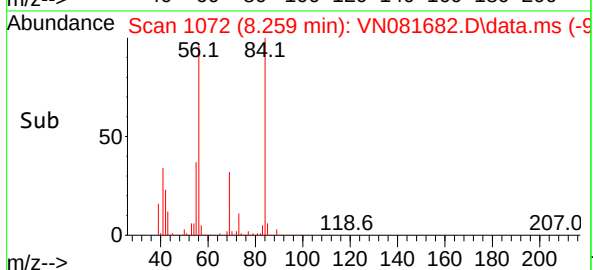
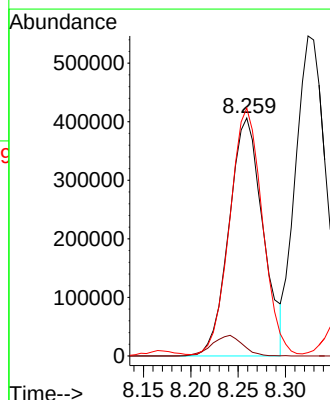
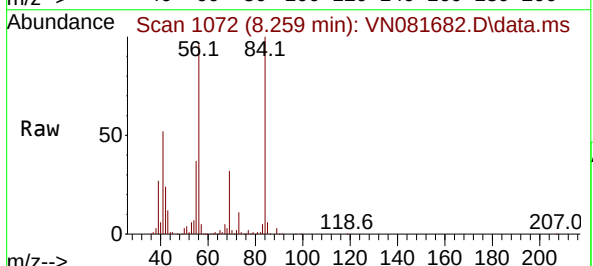
Tgt Ion: 56 Resp: 1012320

Ion Ratio Lower Upper

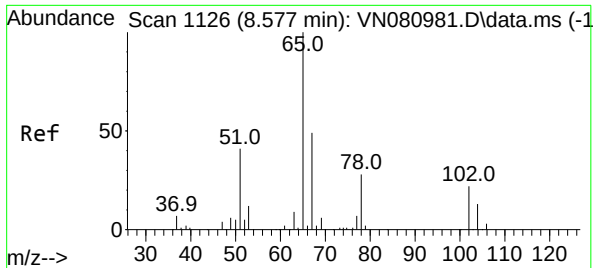
56 100

89 7.9 19.3 28.9#

84 100.9 71.3 106.9







#27  
1,2-Dichloroethane-d4  
Concen: 27.152 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC150

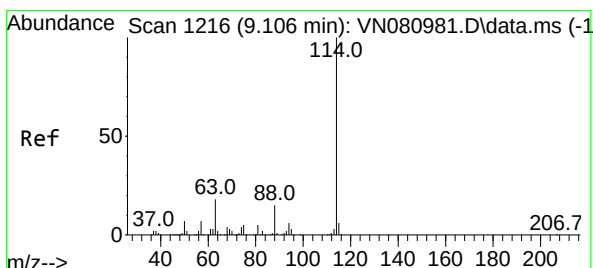
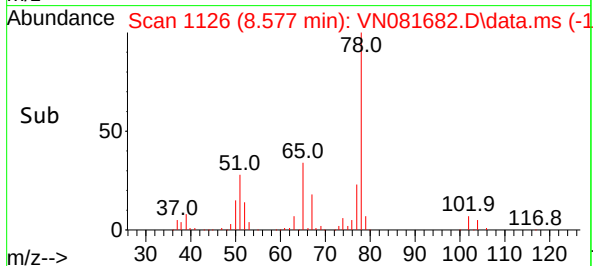
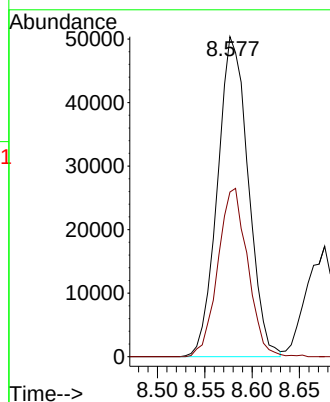
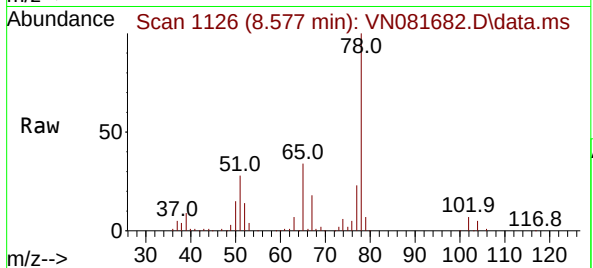
Tgt Ion: 65 Resp: 11365  
Ion Ratio Lower Upper  
65 100  
67 51.0 43.2 64.8

Manual Integrations

APPROVED

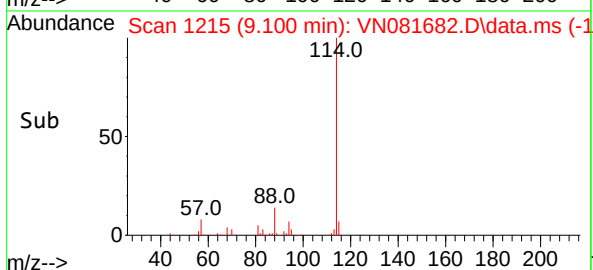
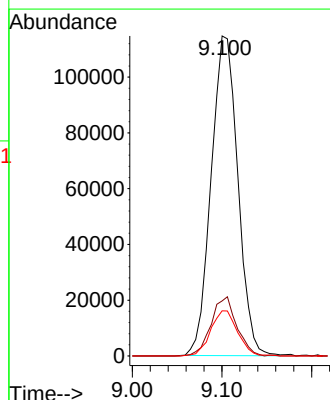
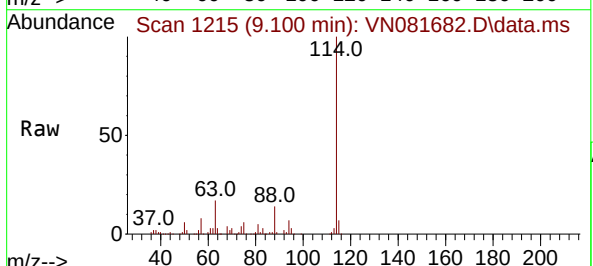
Reviewed By :John Carlone 04/11/2024

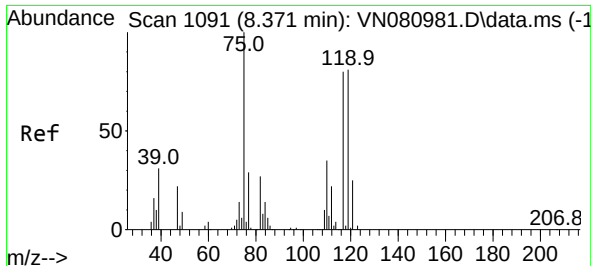
Supervised By :Mahesh Dadoda 04/11/2024



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion:114 Resp: 237130  
Ion Ratio Lower Upper  
114 100  
63 17.8 15.9 23.9  
88 14.2 12.7 19.1





#29  
1,1-Dichloropropene  
Concen: 148.943 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC150

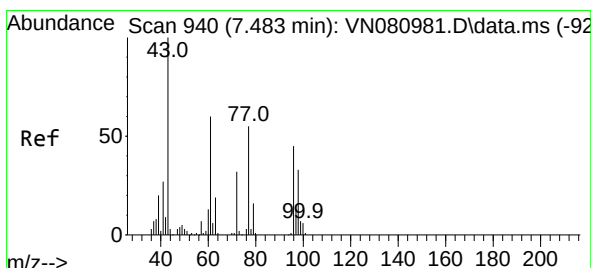
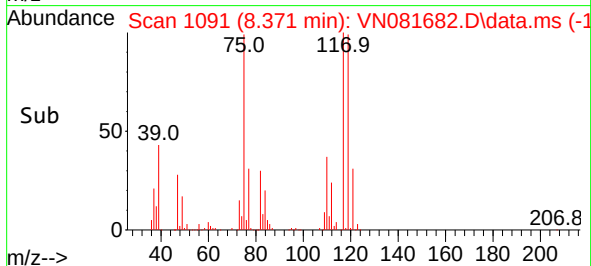
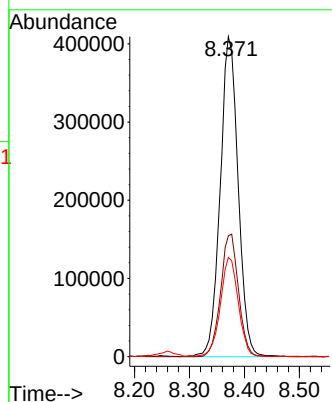
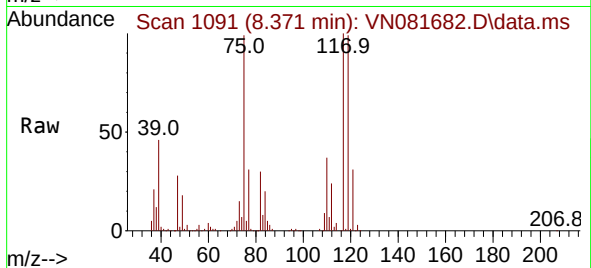
Tgt Ion: 75 Resp: 928538  
Ion Ratio Lower Upper  
75 100  
110 38.1 0.0 70.2  
77 30.9 0.0 61.4

Manual Integrations

APPROVED

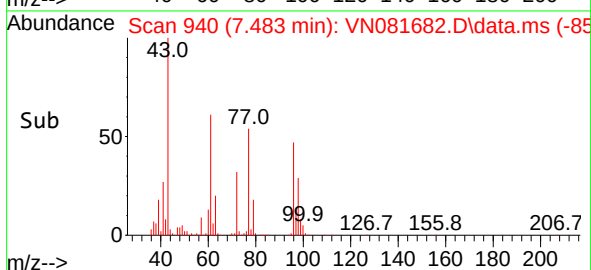
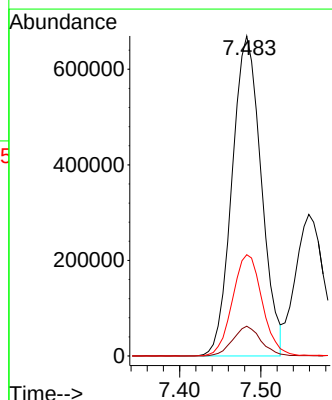
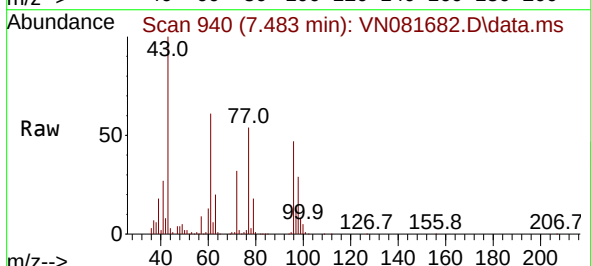
Reviewed By :John Carlone 04/11/2024

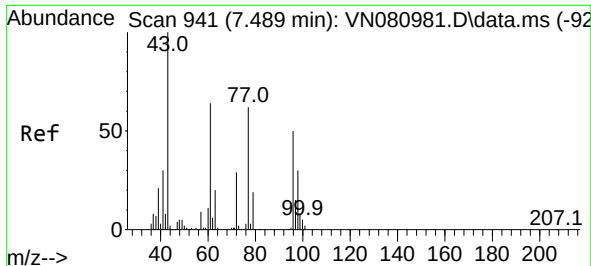
Supervised By :Mahesh Dadoda 04/11/2024



#30  
2-Butanone  
Concen: 703.184 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

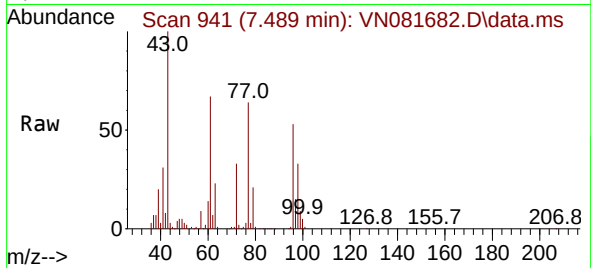
Tgt Ion: 43 Resp: 1674201  
Ion Ratio Lower Upper  
43 100  
57 9.0 6.7 10.1  
72 32.2 24.0 36.0





#31  
2,2-Dichloropropane  
Concen: 142.915 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

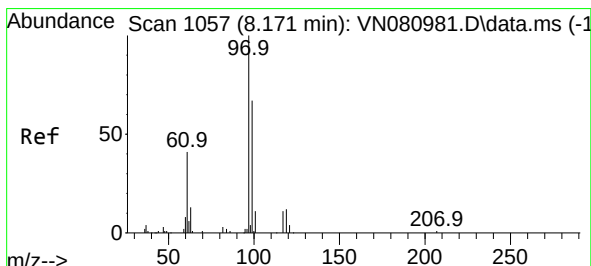
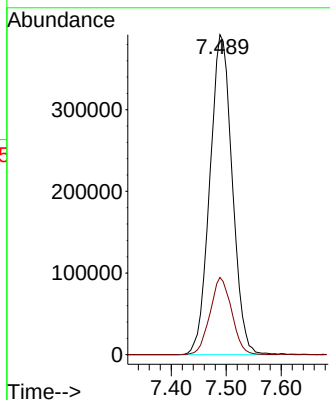
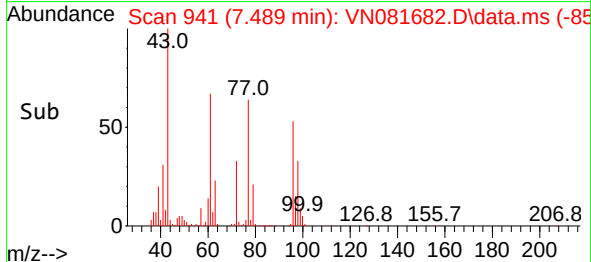
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



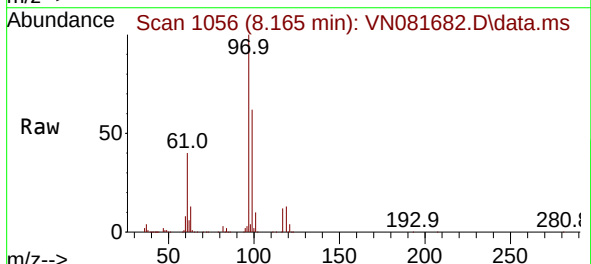
Tgt Ion: 77 Resp: 1109762  
Ion Ratio Lower Upper  
77 100  
97 23.4 18.3 27.5

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APPROVED

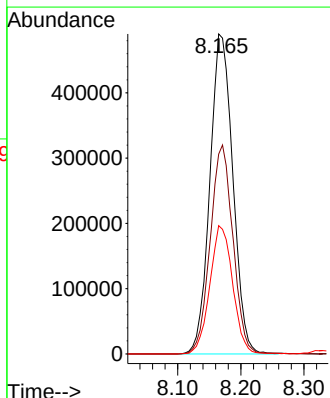
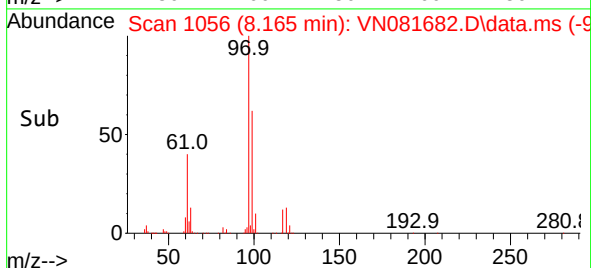
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

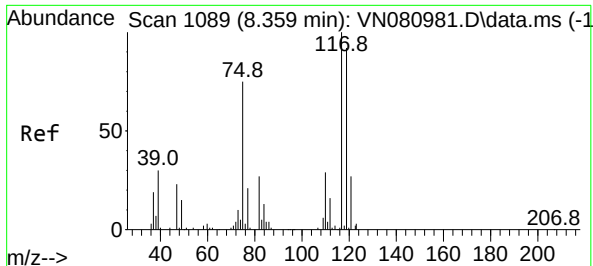


#32  
1,1,1-Trichloroethane  
Concen: 143.975 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49



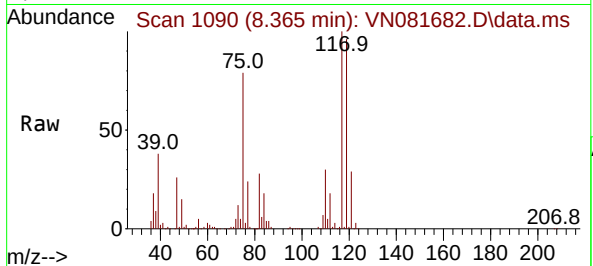
Tgt Ion: 97 Resp: 1237053  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.0 76.4  
61 39.9 33.8 50.8





#33  
Carbon Tetrachloride  
Concen: 142.916 ug/l  
RT: 8.365 min Scan# 1109  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

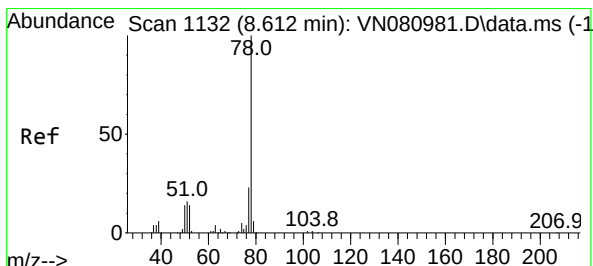
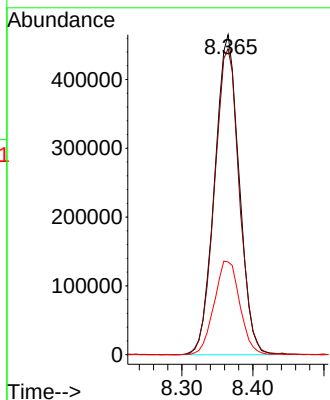
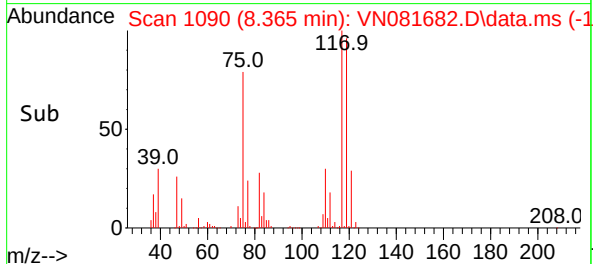
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 117 Resp: 111306  
Ion Ratio Lower Upper  
117 100  
119 95.6 77.7 116.5  
121 29.0 27.0 40.6

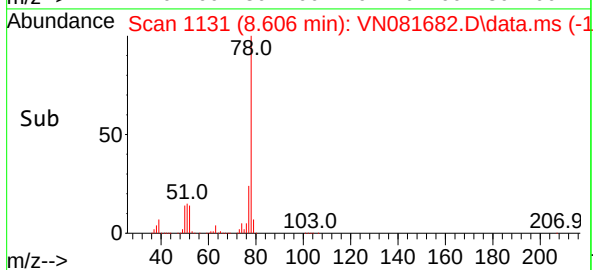
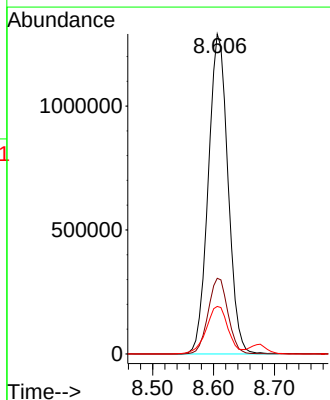
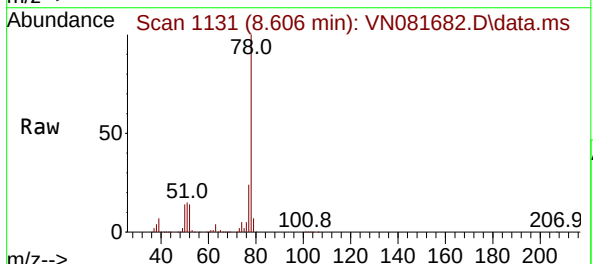
Manual Integrations  
APPROVED

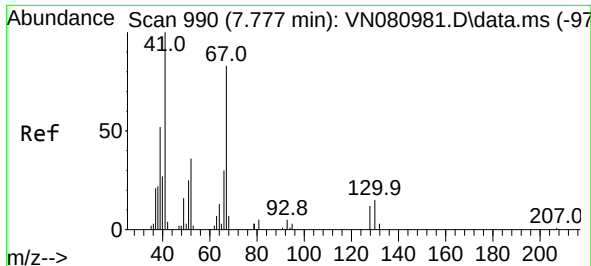
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#34  
Benzene  
Concen: 144.265 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 78 Resp: 2897195  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.2 28.8  
51 14.8 13.3 19.9





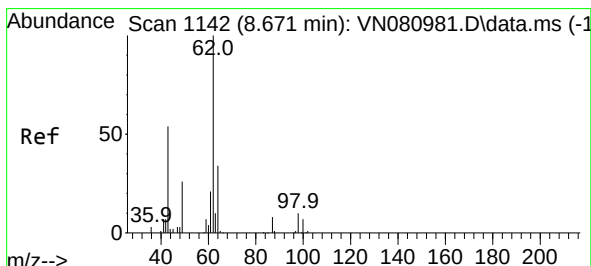
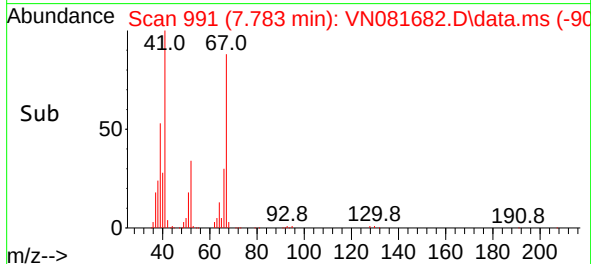
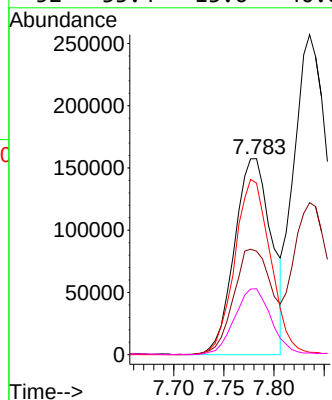
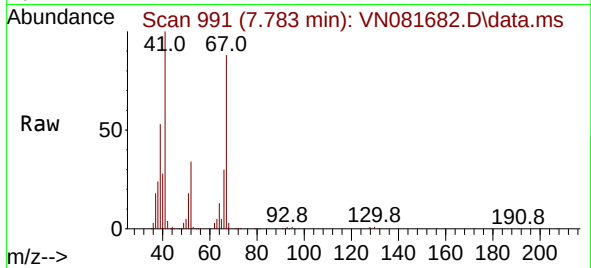
#35  
Methacrylonitrile  
Concen: 150.191 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion: 41 Resp: 40503  
Ion Ratio Lower Upper  
41 100  
39 52.7 25.3 75.9  
67 87.6 38.7 116.1  
52 33.4 13.6 40.8

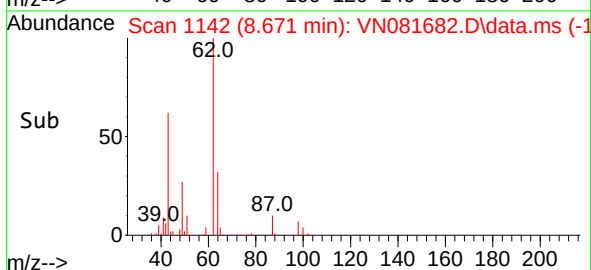
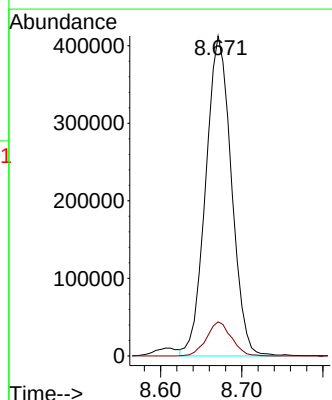
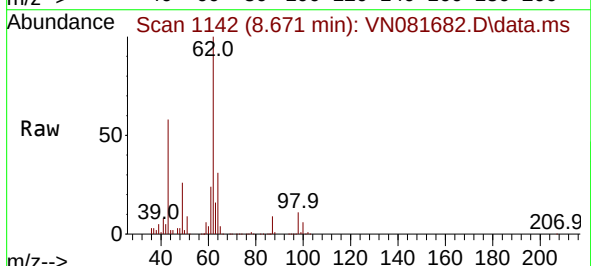
Manual Integrations  
APPROVED

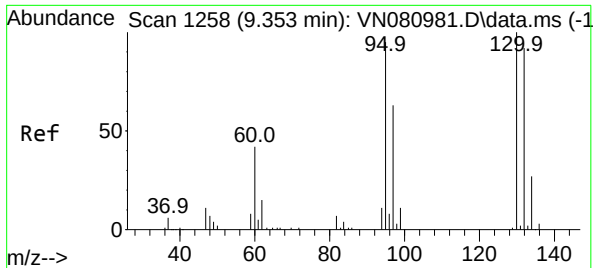
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#36  
1,2-Dichloroethane  
Concen: 137.596 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 62 Resp: 906365  
Ion Ratio Lower Upper  
62 100  
98 10.3 8.2 12.4





#37  
Trichloroethene  
Concen: 149.435 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :

MSVOA\_N

ClientSampleId :

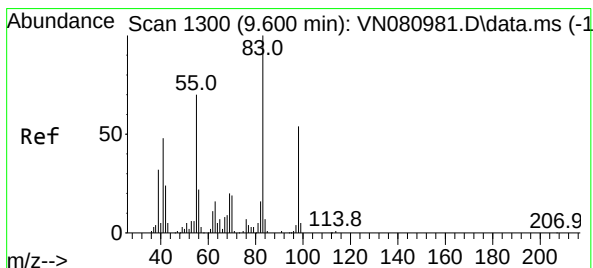
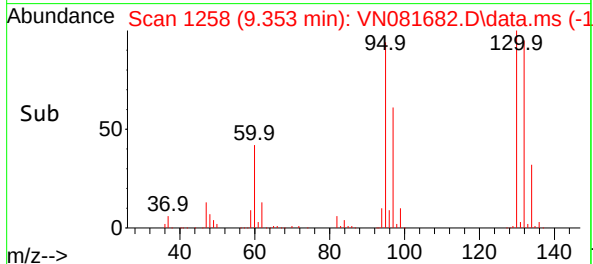
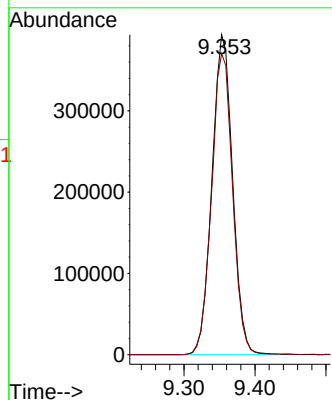
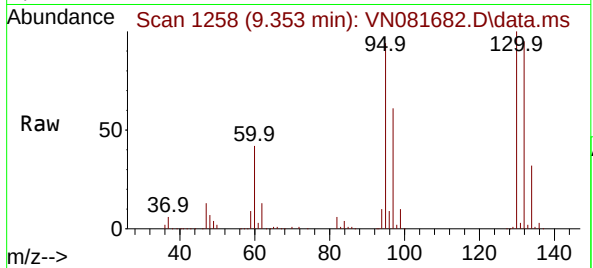
VSTDICC150

Tgt Ion:130 Resp: 79413  
Ion Ratio Lower Upper  
130 100  
95 94.1 80.2 120.4

Manual Integrations

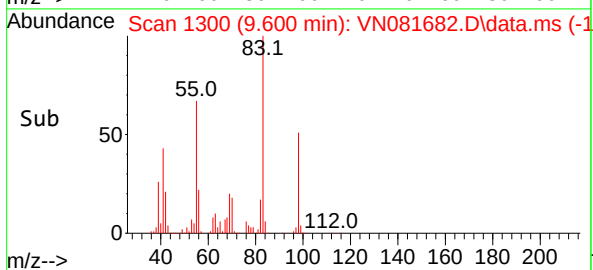
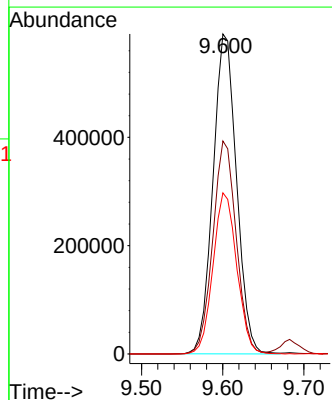
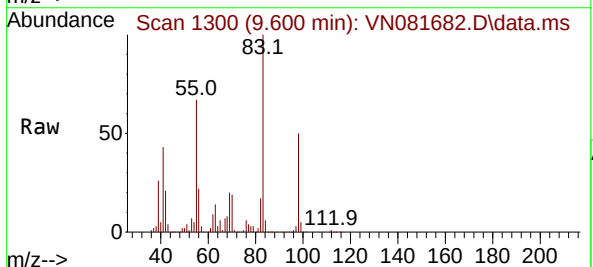
APPROVED

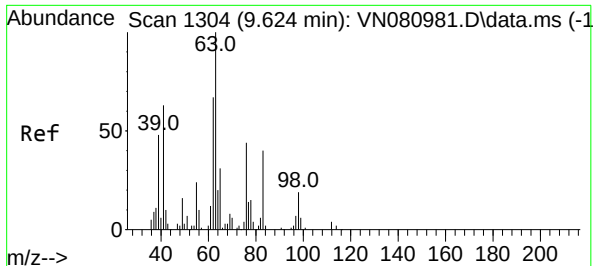
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#38  
Methylcyclohexane  
Concen: 156.161 ug/l  
RT: 9.600 min Scan# 1300  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 83 Resp: 1189915  
Ion Ratio Lower Upper  
83 100  
55 66.4 36.6 109.9  
98 50.9 23.8 71.5





#39

1,2-Dichloropropane

Concen: 140.695 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 65917

Ion Ratio Lower Upper

63 100

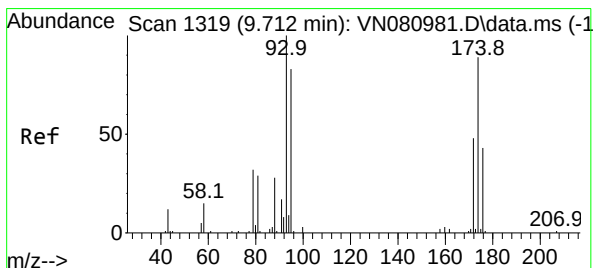
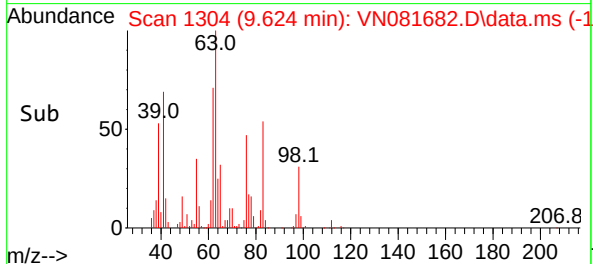
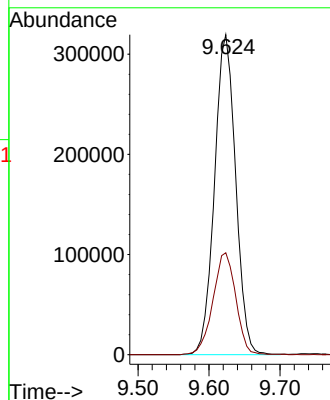
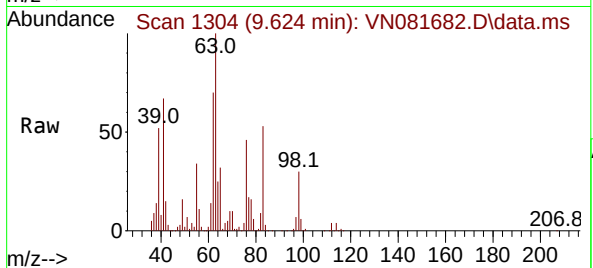
65 31.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#40

Dibromomethane

Concen: 140.302 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

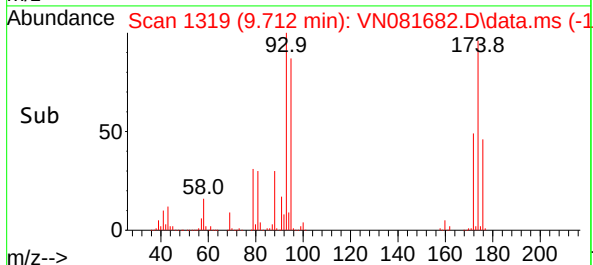
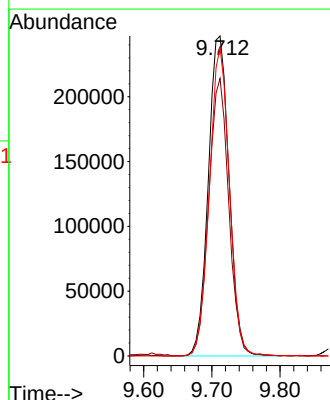
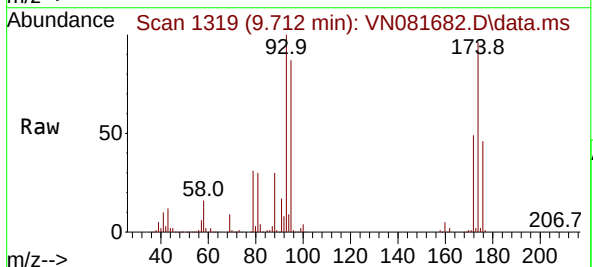
Tgt Ion: 93 Resp: 523610

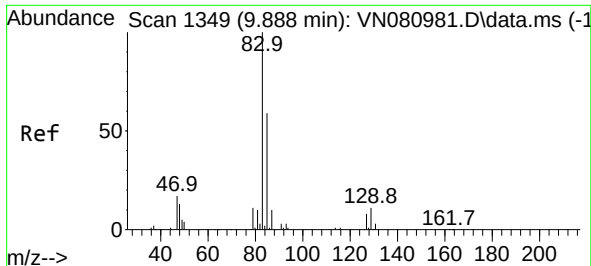
Ion Ratio Lower Upper

93 100

95 84.1 0.0 164.6

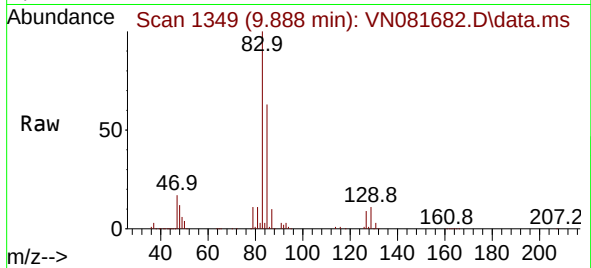
174 92.7 0.0 193.2





#41  
Bromodichloromethane  
Concen: 143.395 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

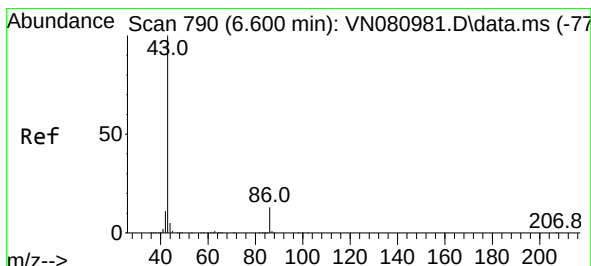
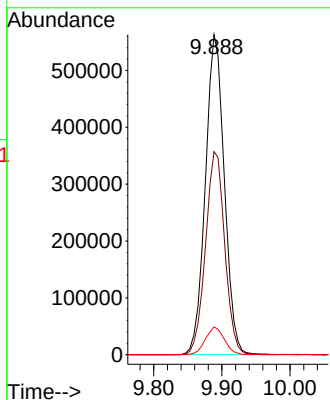
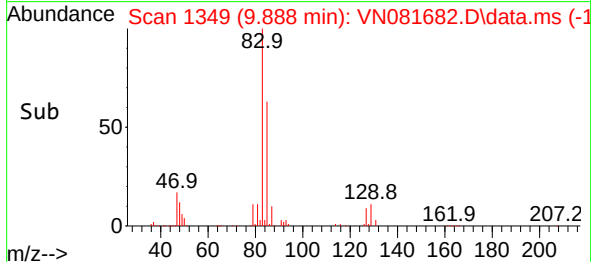
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 83 Resp: 1091308  
Ion Ratio Lower Upper  
83 100  
85 63.4 49.4 74.2  
127 8.7 7.3 10.9

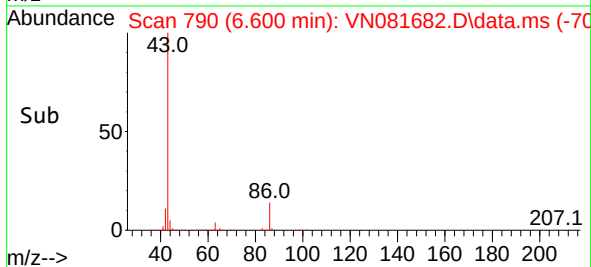
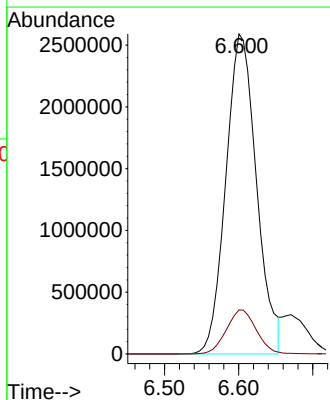
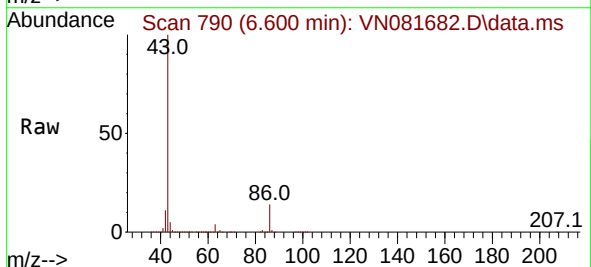
Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

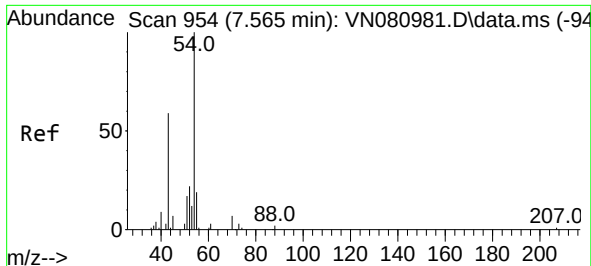


#42  
Vinyl Acetate  
Concen: 750.628 ug/l  
RT: 6.600 min Scan# 790  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 43 Resp: 7444973  
Ion Ratio Lower Upper  
43 100  
86 13.5 9.4 14.2

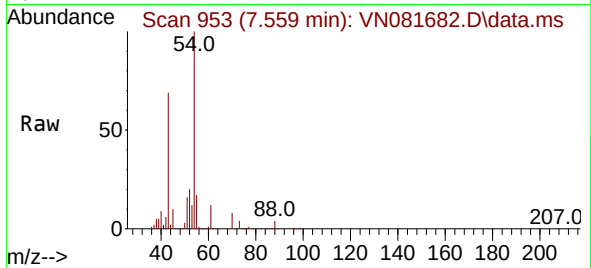






#43  
Ethyl Acetate  
Concen: 143.532 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

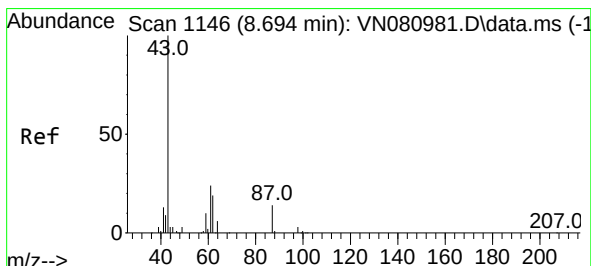
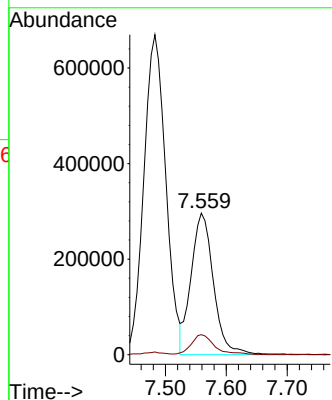
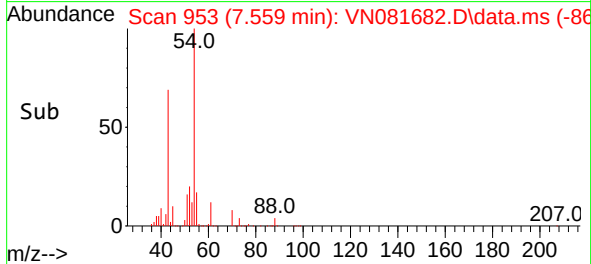
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 43 Resp: 75545  
Ion Ratio Lower Upper  
43 100  
45 14.8 10.6 15.8

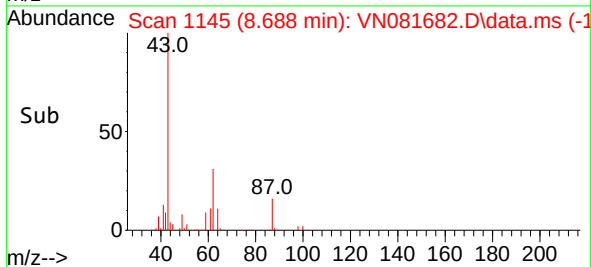
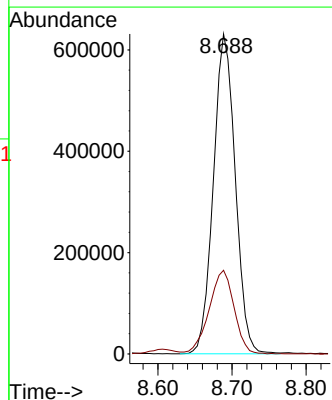
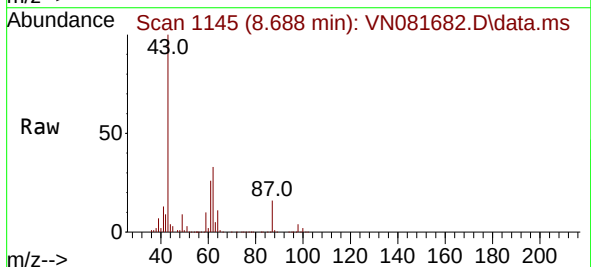
Manual Integrations  
APPROVED

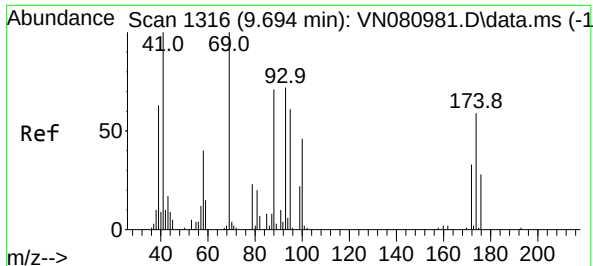
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#44  
Isopropyl Acetate  
Concen: 147.324 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

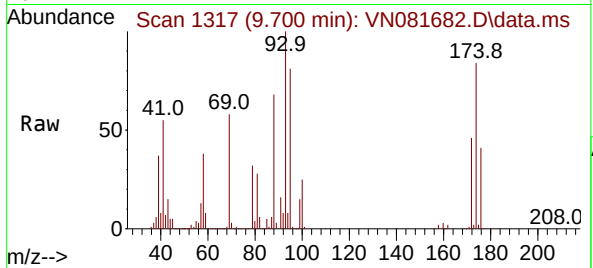
Tgt Ion: 43 Resp: 1295275  
Ion Ratio Lower Upper  
43 100  
61 29.8 25.0 37.4





#45  
1,4-Dioxane  
Concen: 2879.651 ug/l  
RT: 9.700 min Scan# 1317  
Delta R.T. 0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

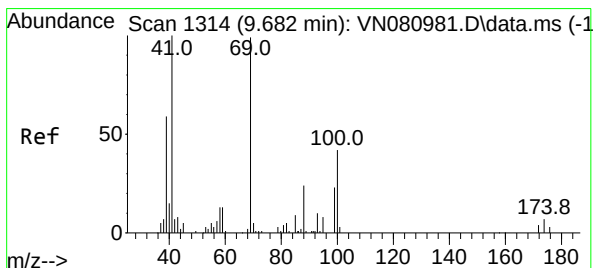
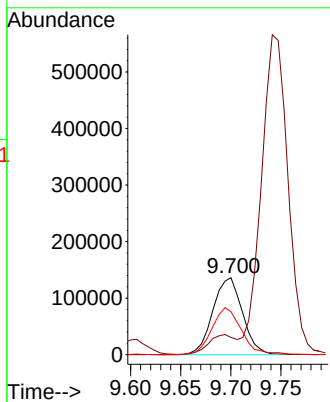
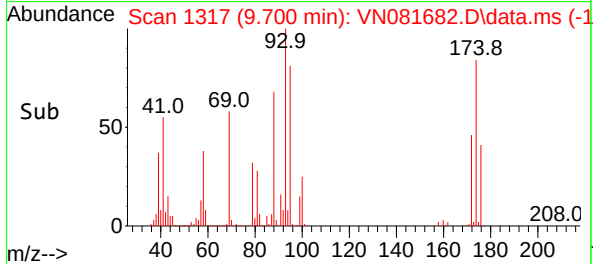
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



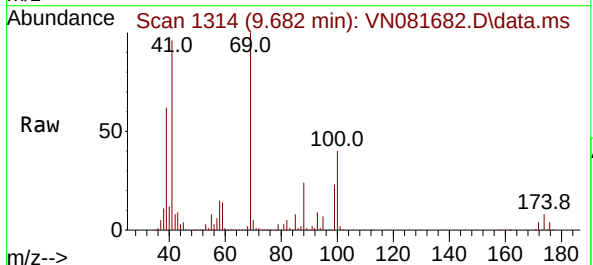
Tgt Ion: 88 Resp: 279484  
Ion Ratio Lower Upper  
88 100  
43 23.2 19.8 29.6  
58 60.1 55.4 83.0

Manual Integrations  
APPROVED

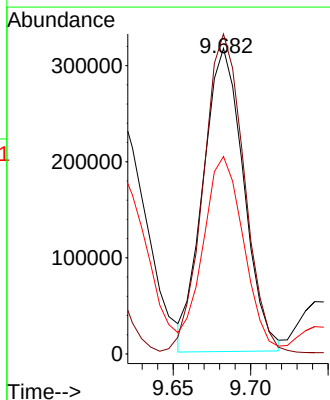
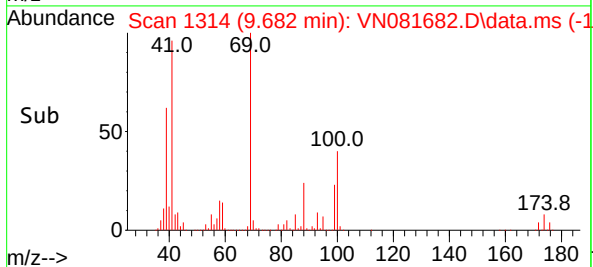
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

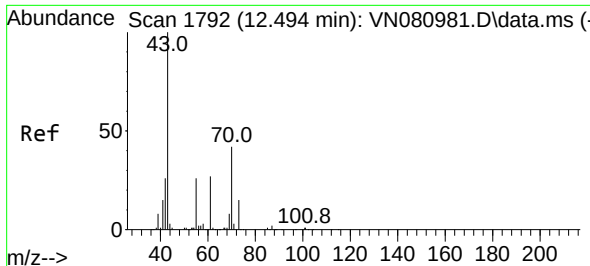


#46  
Methyl methacrylate  
Concen: 145.195 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49



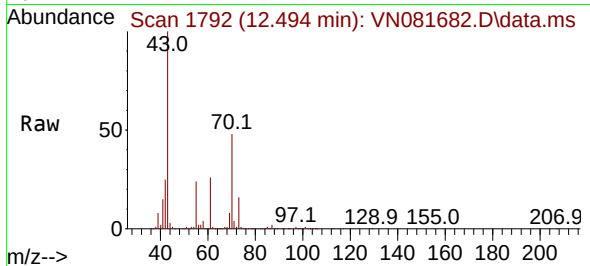
Tgt Ion: 41 Resp: 574061  
Ion Ratio Lower Upper  
41 100  
69 107.3 51.1 153.3  
39 65.0 25.8 77.3





#47  
n-amy1 Acetate  
Concen: 156.152 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

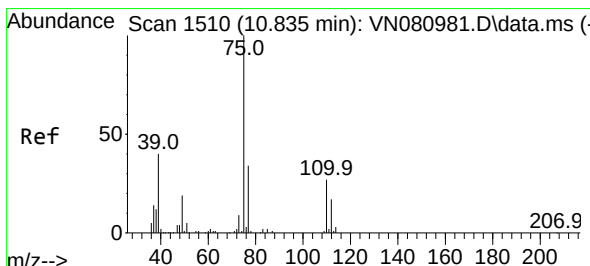
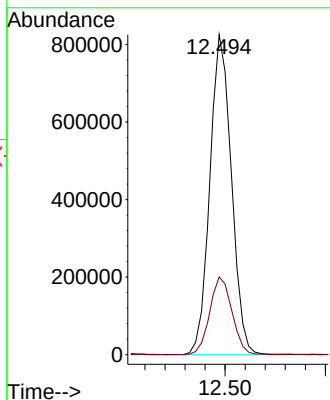
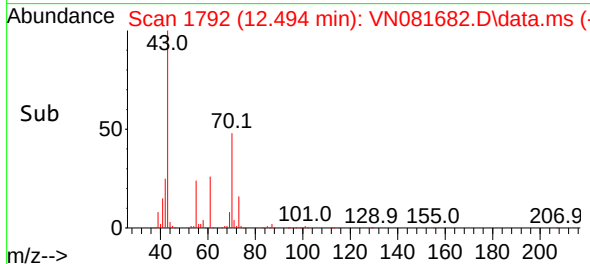
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



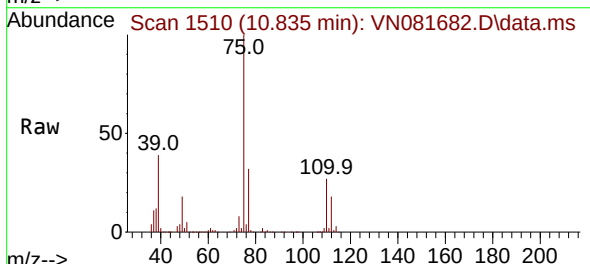
Tgt Ion: 43 Resp: 1231918  
Ion Ratio Lower Upper  
43 100  
55 25.1 23.4 35.2

Manual Integrations  
APPROVED

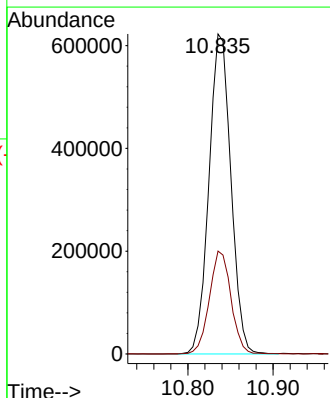
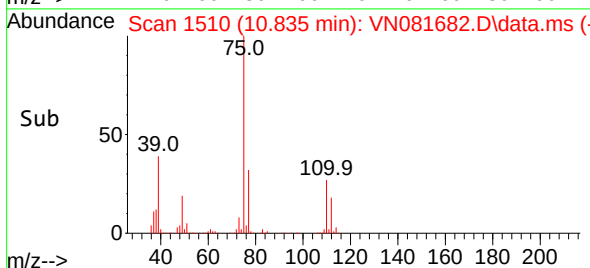
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

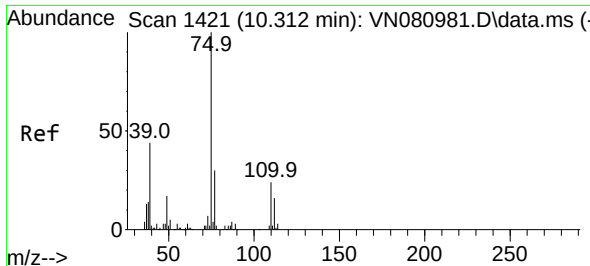


#48  
t-1,3-Dichloropropene  
Concen: 153.602 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49



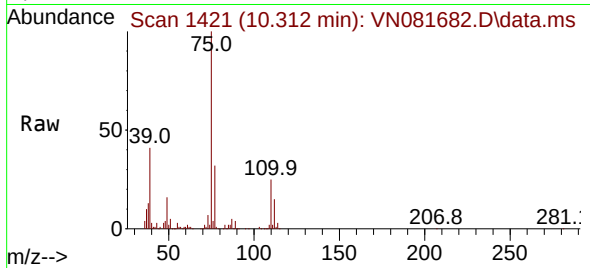
Tgt Ion: 75 Resp: 1113708  
Ion Ratio Lower Upper  
75 100  
77 32.1 23.8 35.6





#49  
 cis-1,3-Dichloropropene  
 Concen: 150.620 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.006 min  
 Lab File: VN081682.D  
 Acq: 10 Apr 2024 14:49

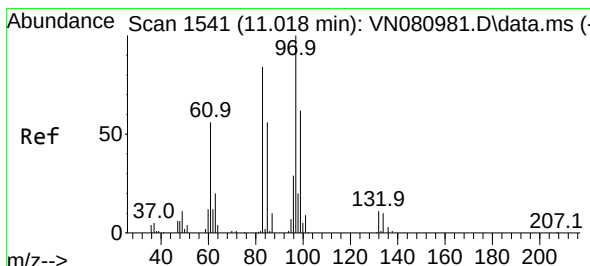
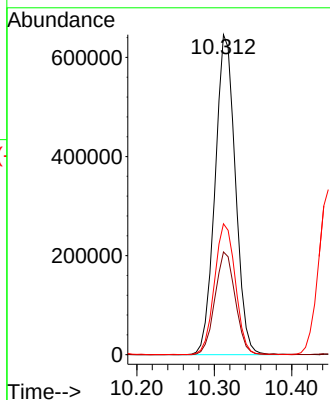
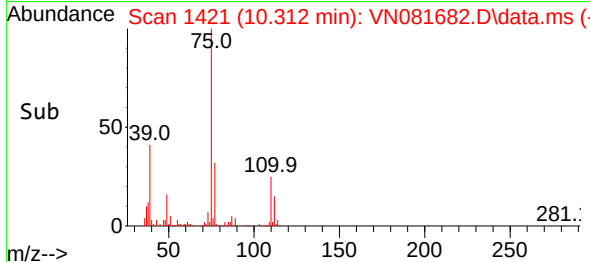
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150



Tgt Ion: 75 Resp: 117606  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 24.9 37.3  
 39 40.8 31.0 46.6

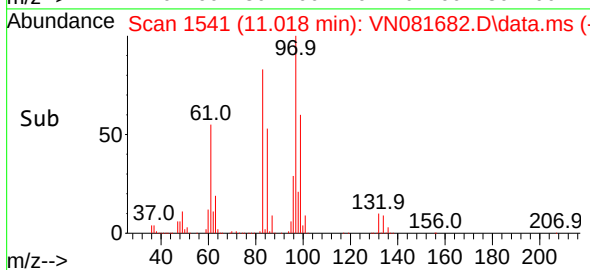
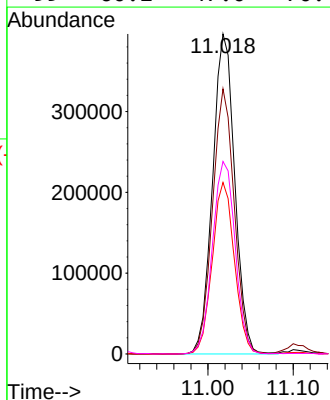
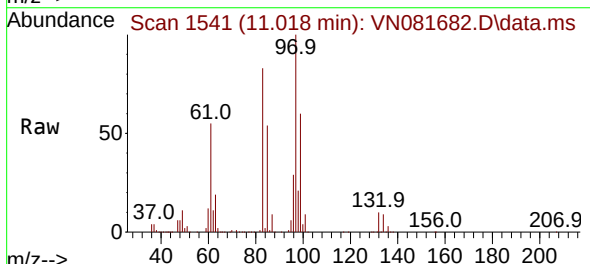
Manual Integrations  
 APPROVED

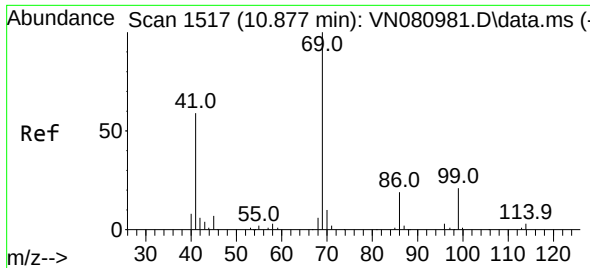
Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024



#50  
 1,1,2-Trichloroethane  
 Concen: 143.170 ug/l  
 RT: 11.018 min Scan# 1541  
 Delta R.T. 0.000 min  
 Lab File: VN081682.D  
 Acq: 10 Apr 2024 14:49

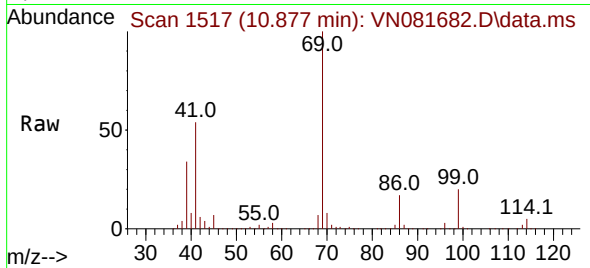
Tgt Ion: 97 Resp: 715456  
 Ion Ratio Lower Upper  
 97 100  
 83 82.9 68.1 102.1  
 85 53.6 41.8 62.6  
 99 60.2 47.0 70.4





#51  
Ethyl methacrylate  
Concen: 157.629 ug/l  
RT: 10.877 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

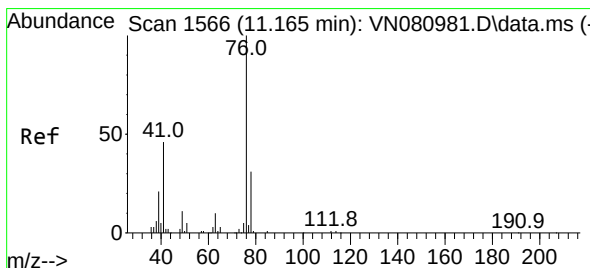
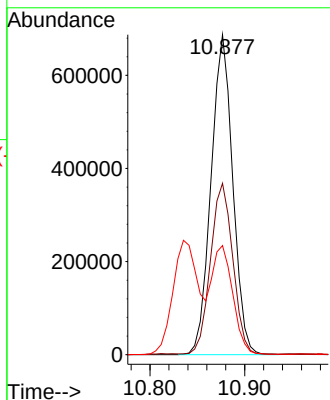
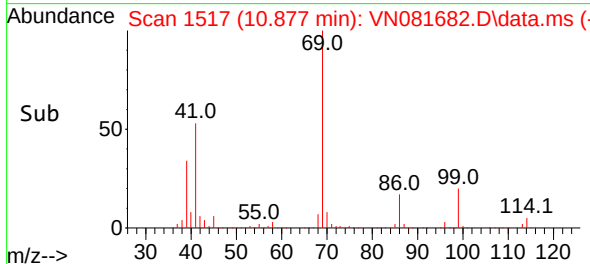
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



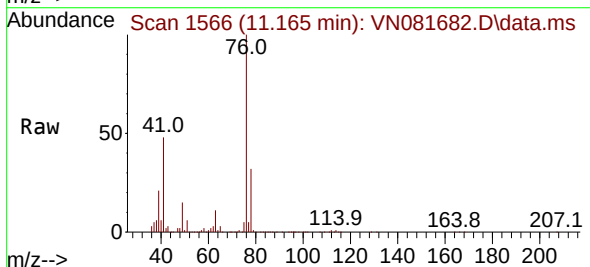
Tgt Ion: 69 Resp: 109680  
Ion Ratio Lower Upper  
69 100  
41 53.4 25.5 76.5  
39 34.0 16.0 47.9

Manual Integrations  
APPROVED

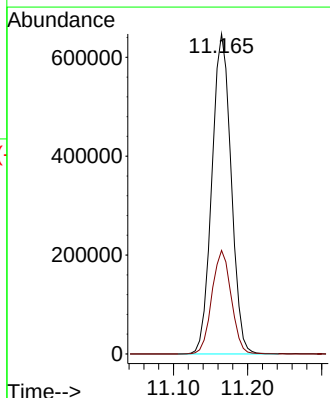
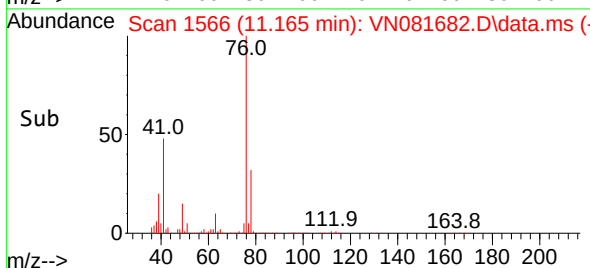
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

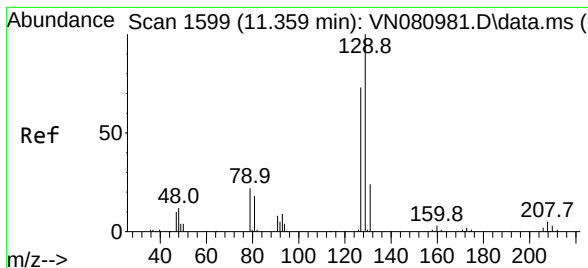


#52  
1,3-Dichloropropane  
Concen: 142.485 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49



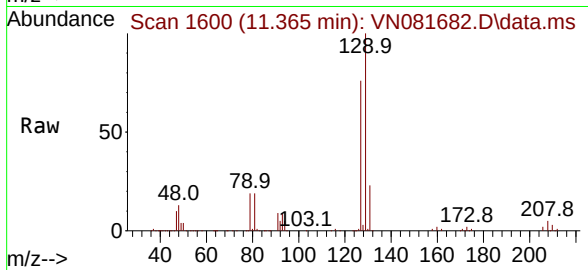
Tgt Ion: 76 Resp: 1167087  
Ion Ratio Lower Upper  
76 100  
78 32.5 0.0 65.8





#53  
Dibromochloromethane  
Concen: 148.597 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

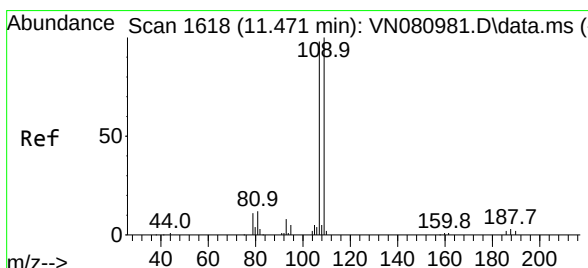
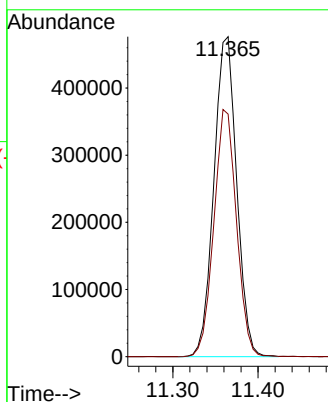
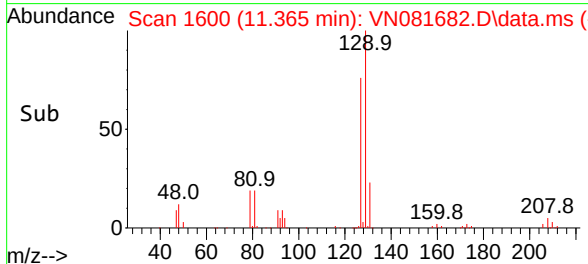
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



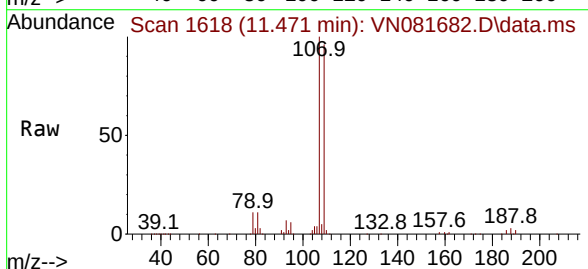
Tgt Ion:129 Resp: 88704  
Ion Ratio Lower Upper  
129 100  
127 76.6 39.4 118.1

Manual Integrations  
APPROVED

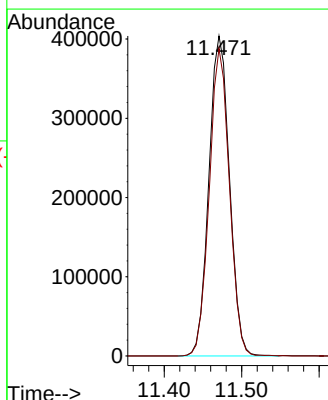
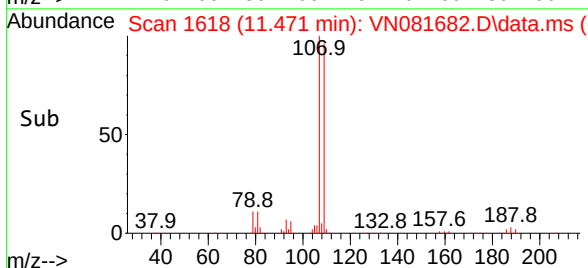
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

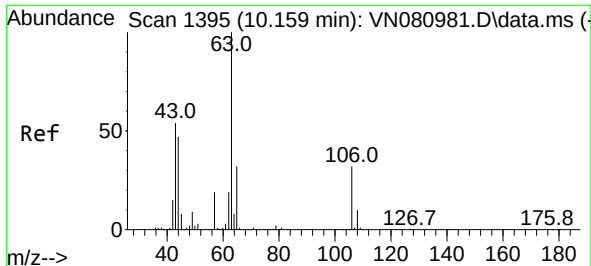


#54  
1,2-Dibromoethane  
Concen: 144.435 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49



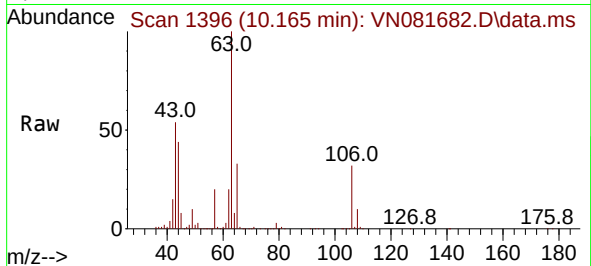
Tgt Ion:107 Resp: 746068  
Ion Ratio Lower Upper  
107 100  
109 93.7 74.7 112.1





#55  
2-Chloroethyl vinyl ether  
Concen: 806.158 ug/l  
RT: 10.165 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

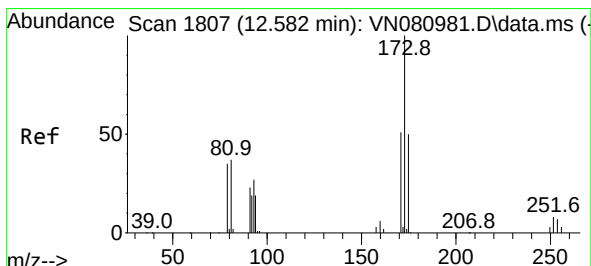
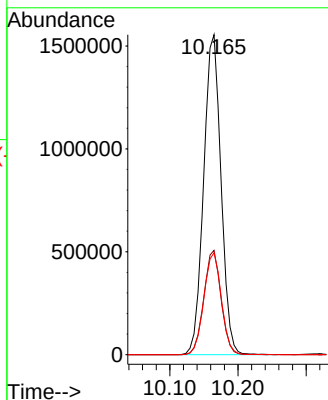
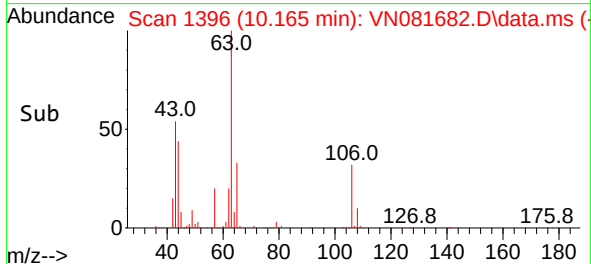
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 63 Resp: 2754582  
Ion Ratio Lower Upper  
63 100  
65 32.4 26.2 39.2  
106 32.1 23.8 35.8

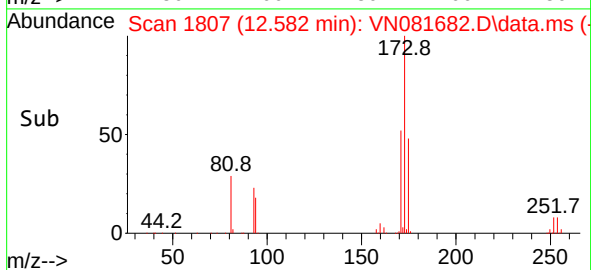
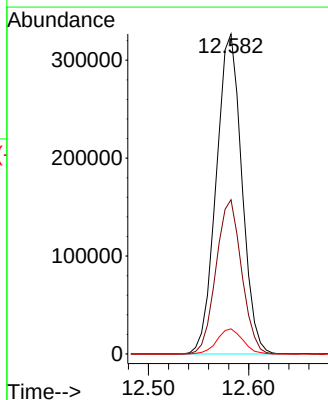
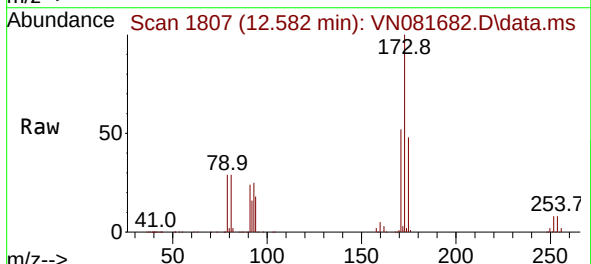
Manual Integrations  
APPROVED

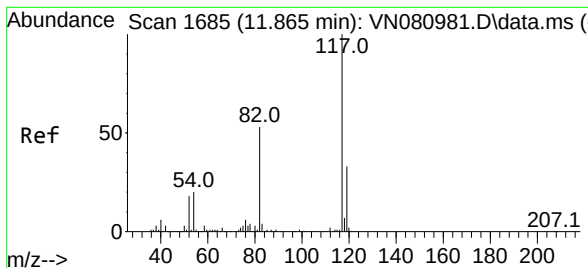
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#56  
Bromoform  
Concen: 152.088 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

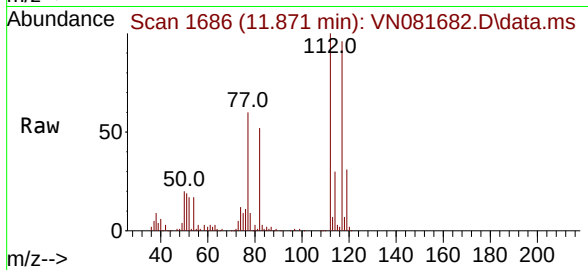
Tgt Ion:173 Resp: 580525  
Ion Ratio Lower Upper  
173 100  
175 48.0 40.0 60.0  
254 7.9 8.3 12.5#





#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

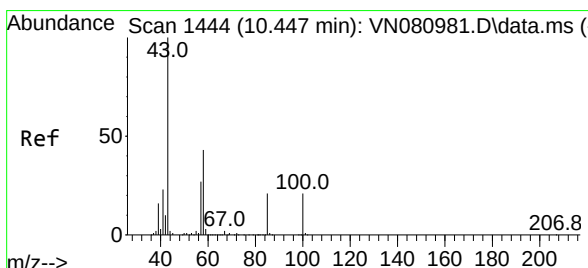
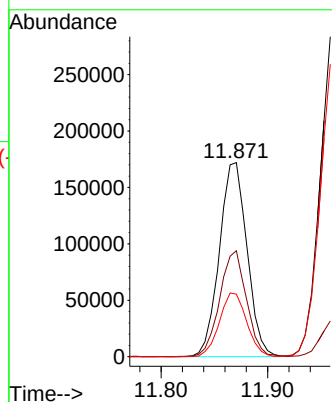
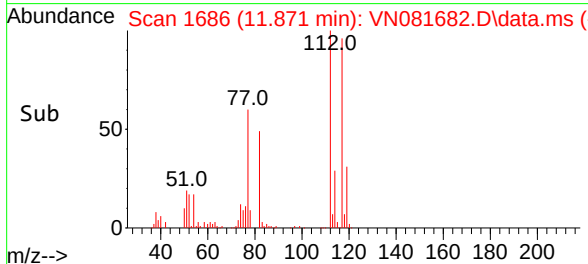
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 117 Resp: 31047  
Ion Ratio Lower Upper  
117 100  
82 52.8 46.6 69.8  
119 32.3 25.4 38.2

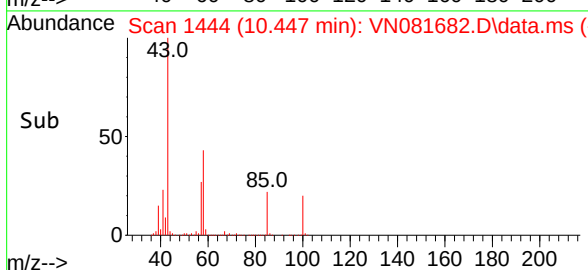
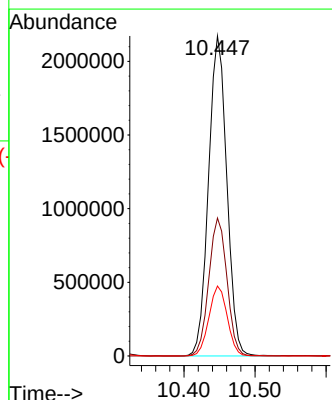
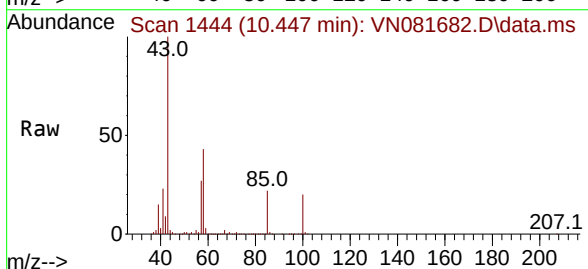
Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

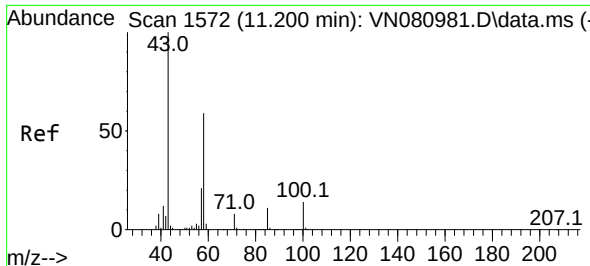


#58  
4-Methyl-2-Pentanone  
Concen: 727.365 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 43 Resp: 3883612  
Ion Ratio Lower Upper  
43 100  
58 42.9 36.5 54.7  
85 21.9 19.5 29.3

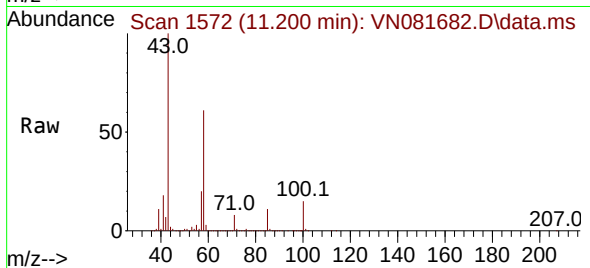






#59  
2-Hexanone  
Concen: 716.040 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

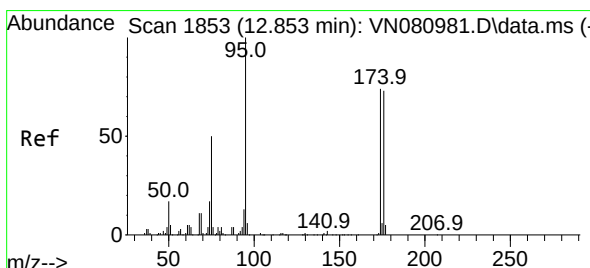
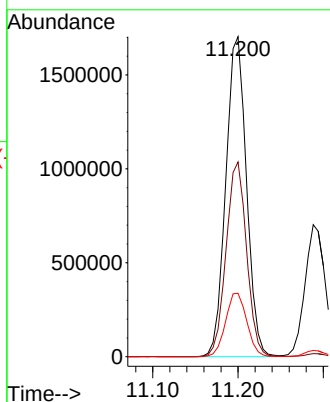
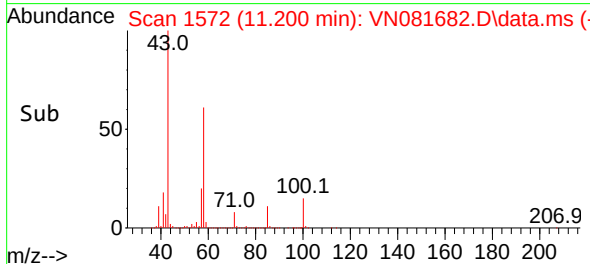
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 43 Resp: 2871209  
Ion Ratio Lower Upper  
43 100  
58 60.4 50.4 75.6  
57 20.4 18.6 27.8

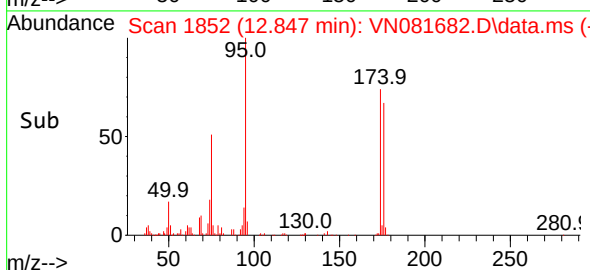
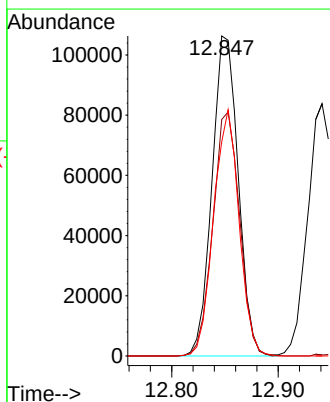
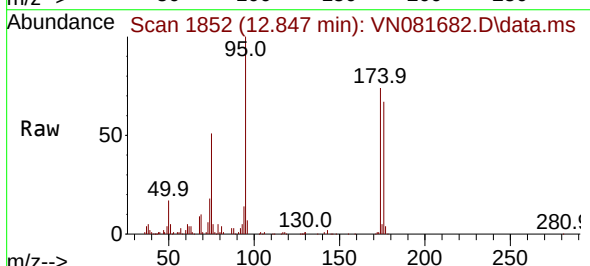
Manual Integrations  
APPROVED

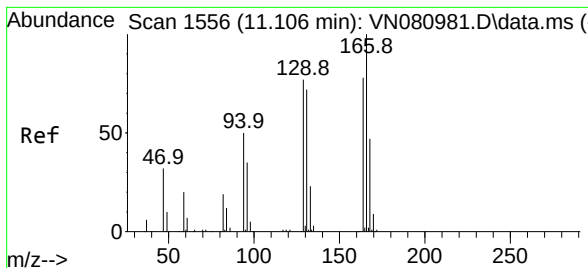
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#60  
4-Bromofluorobenzene  
Concen: 29.736 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

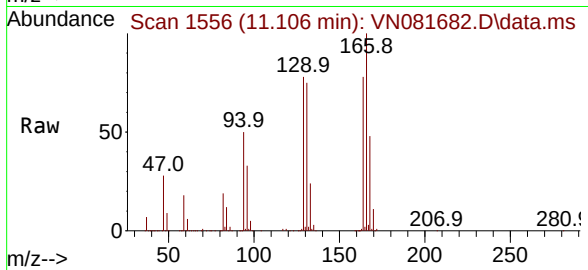
Tgt Ion: 95 Resp: 181515  
Ion Ratio Lower Upper  
95 100  
174 77.5 60.5 90.7  
176 74.9 57.8 86.6





#61  
Tetrachloroethene  
Concen: 145.730 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

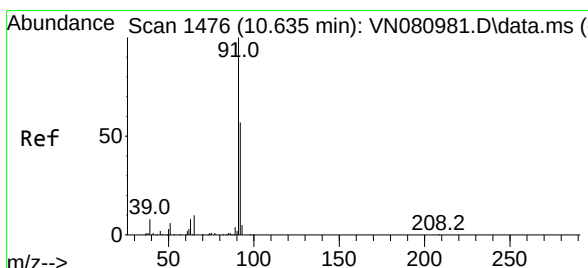
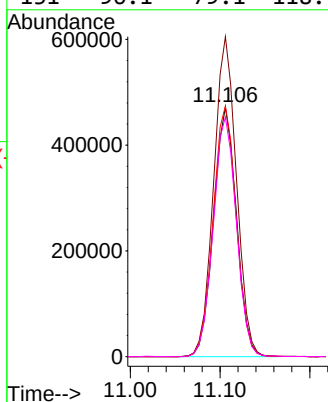
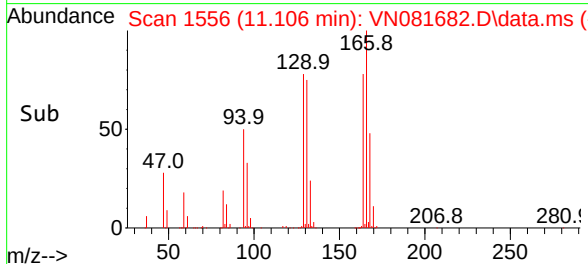
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



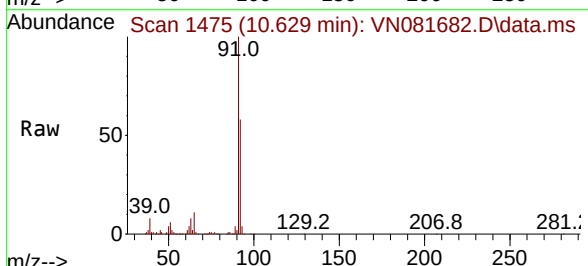
Tgt Ion:164 Resp: 83838  
Ion Ratio Lower Upper  
164 100  
166 128.3 106.7 160.1  
129 100.5 85.8 128.6  
131 96.1 79.1 118.7

Manual Integrations  
APPROVED

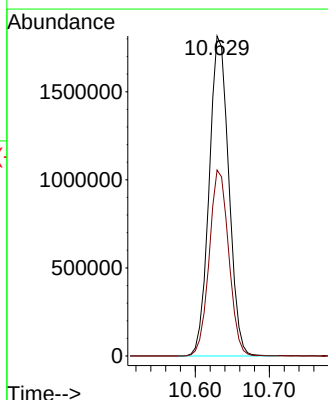
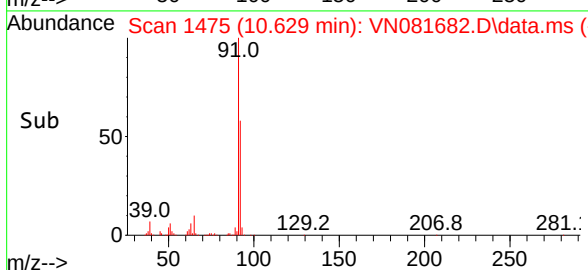
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

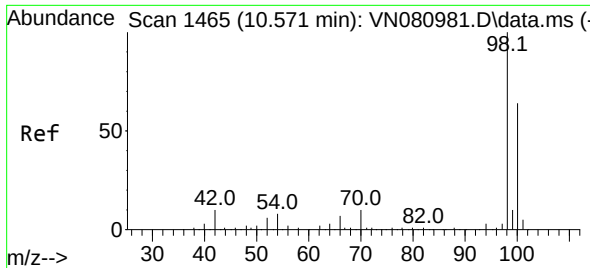


#62  
Toluene  
Concen: 147.478 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49



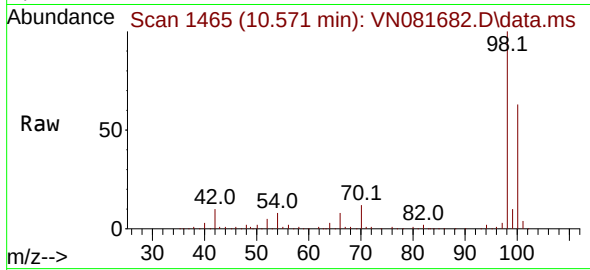
Tgt Ion: 91 Resp: 3331211  
Ion Ratio Lower Upper  
91 100  
92 57.8 46.5 69.7





#63  
Toluene-d8  
Concen: 28.660 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

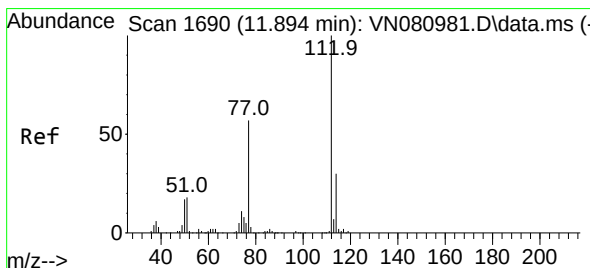
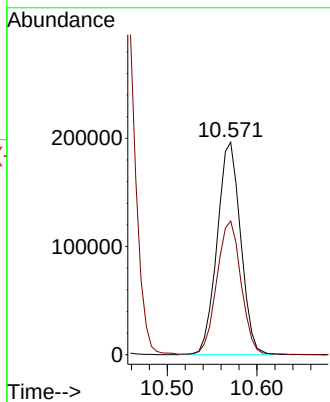
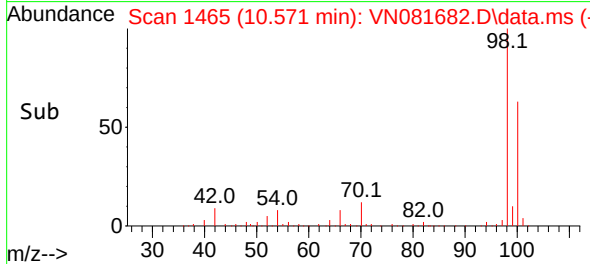
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 98 Resp: 356934  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.7 79.1

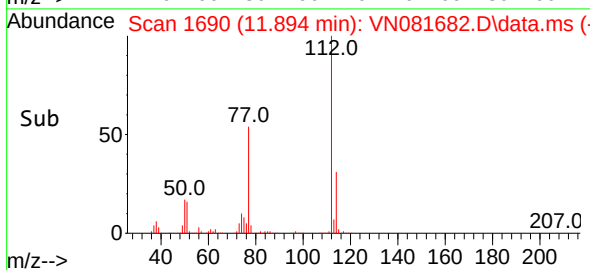
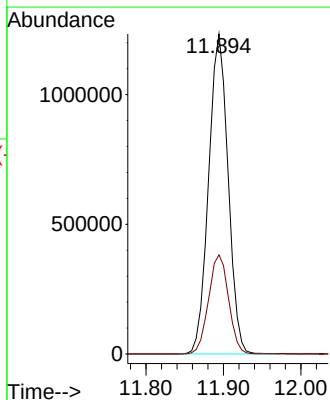
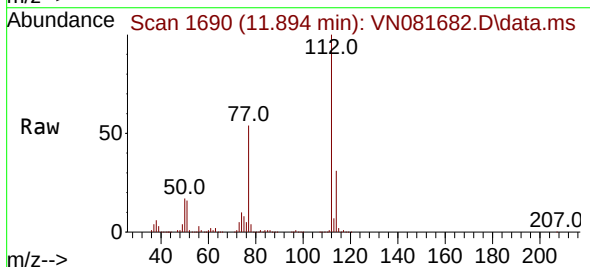
Manual Integrations  
APPROVED

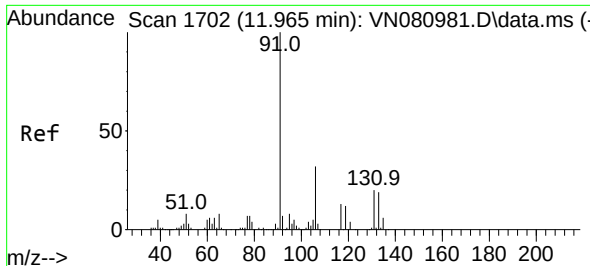
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#64  
Chlorobenzene  
Concen: 150.295 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion:112 Resp: 2152671  
Ion Ratio Lower Upper  
112 100  
114 31.0 26.6 39.8





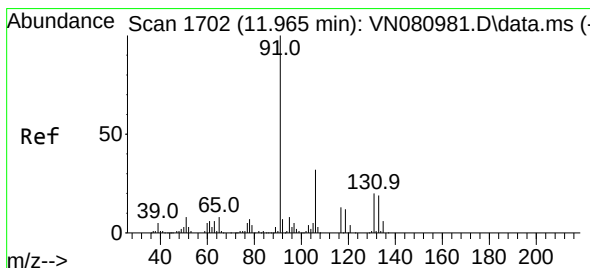
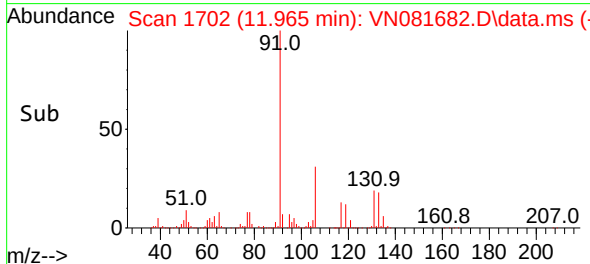
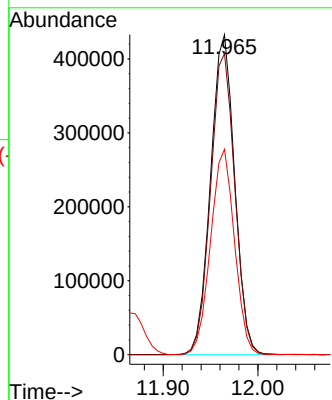
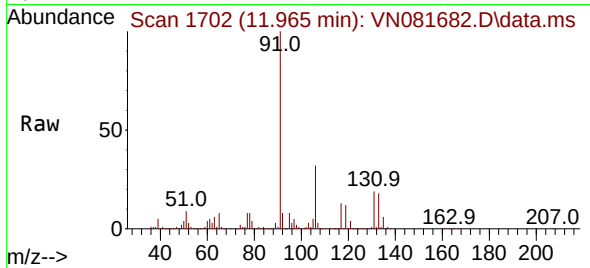
#65  
1,1,1,2-Tetrachloroethane  
Concen: 146.930 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion:131 Resp: 76445  
Ion Ratio Lower Upper  
131 100  
133 94.7 0.0 188.0  
119 63.9 0.0 122.8

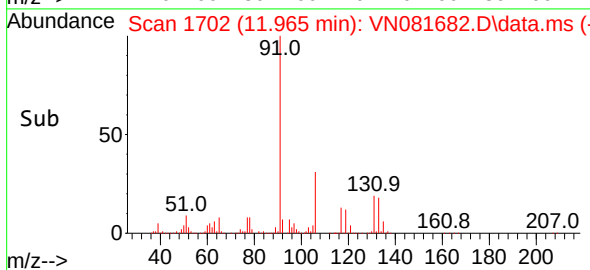
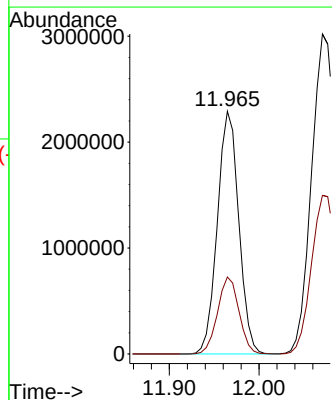
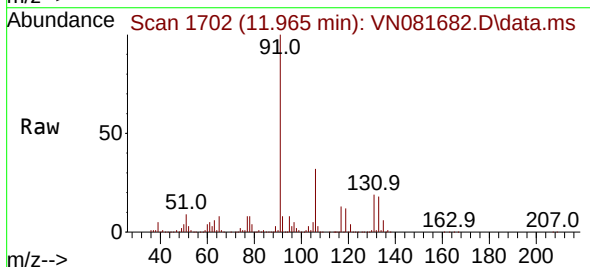
Manual Integrations  
APPROVED

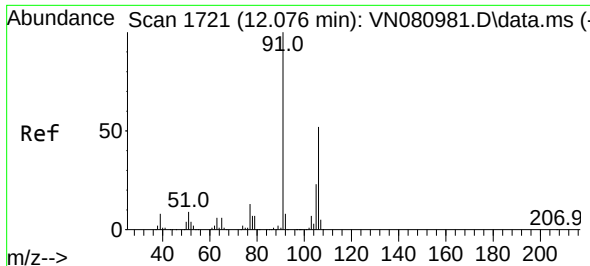
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#66  
Ethyl Benzene  
Concen: 158.159 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 91 Resp: 3798269  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.4 36.6





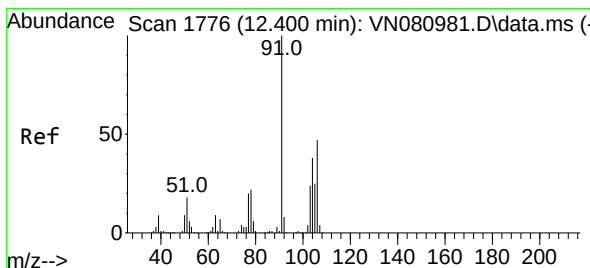
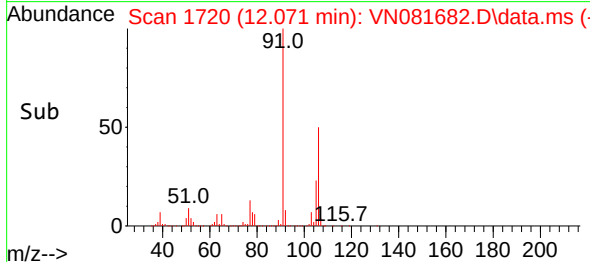
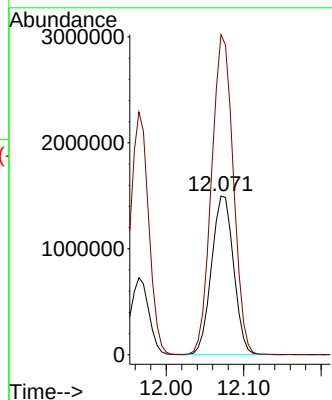
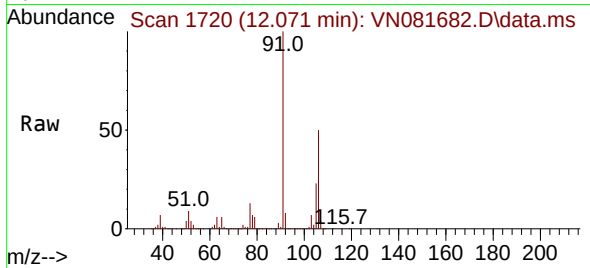
#67  
m/p-Xylenes  
Concen: 312.498 ug/l  
RT: 12.071 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion:106 Resp: 297274  
Ion Ratio Lower Upper  
106 100  
91 198.5 166.6 249.8

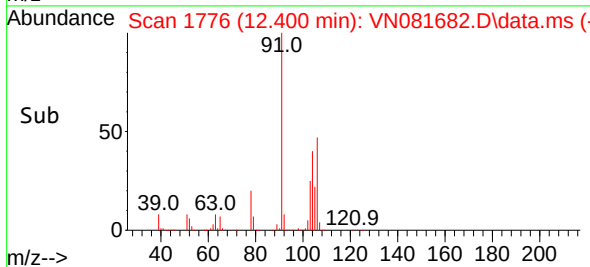
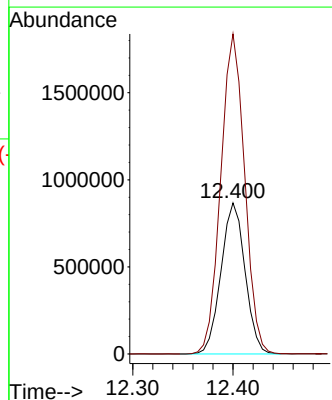
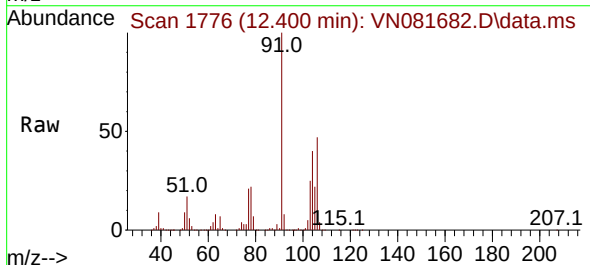
Manual Integrations  
APPROVED

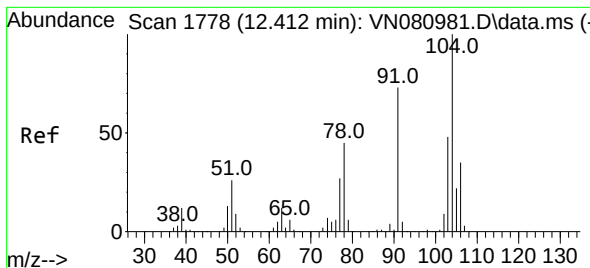
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#68  
o-Xylene  
Concen: 159.848 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion:106 Resp: 1443560  
Ion Ratio Lower Upper  
106 100  
91 210.4 110.0 330.0





#69

Styrene

Concen: 160.265 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC150

Tgt Ion:104 Resp: 246486

Ion Ratio Lower Upper

104 100

78 47.8 42.6 64.0

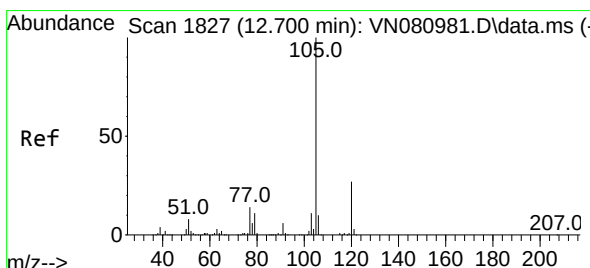
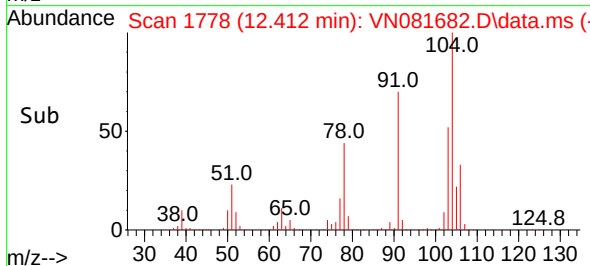
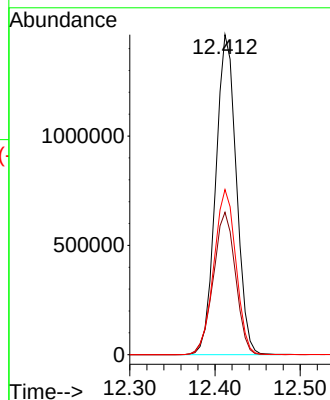
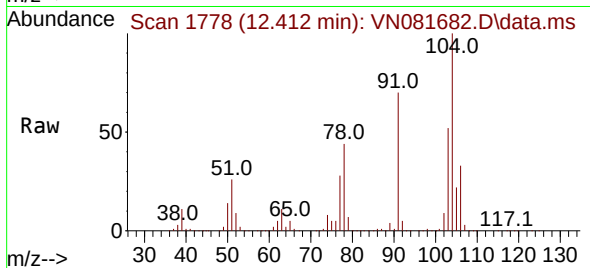
103 55.2 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#70

Isopropylbenzene

Concen: 159.776 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN081682.D

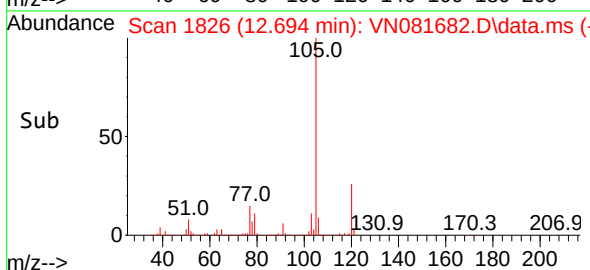
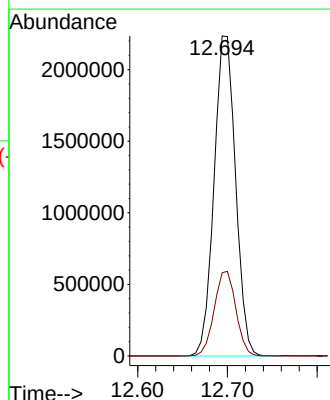
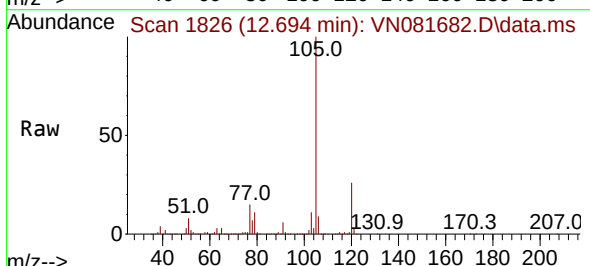
Acq: 10 Apr 2024 14:49

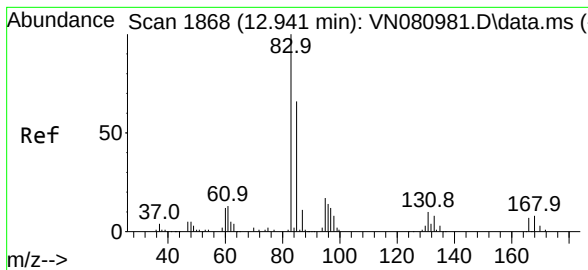
Tgt Ion:105 Resp: 3722444

Ion Ratio Lower Upper

105 100

120 26.6 17.8 33.1





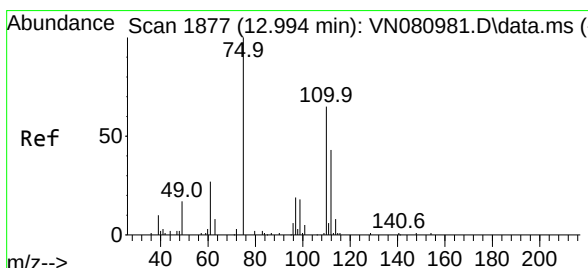
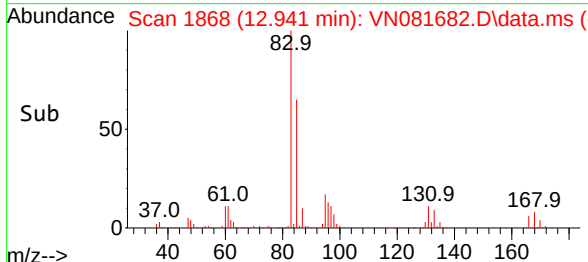
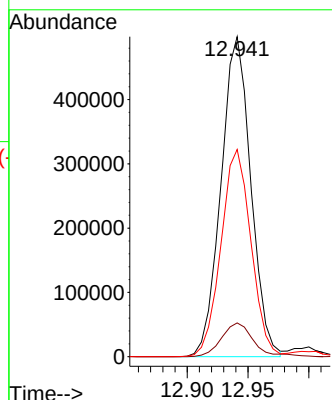
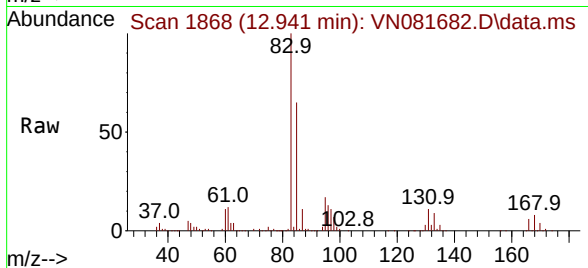
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 139.584 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.000 min  
 Lab File: VN081682.D  
 Acq: 10 Apr 2024 14:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

Tgt Ion: 83 Resp: 849499  
 Ion Ratio Lower Upper  
 83 100  
 131 10.7 5.2 15.6  
 85 65.1 32.3 96.8

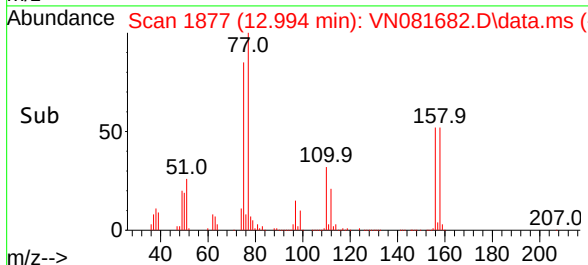
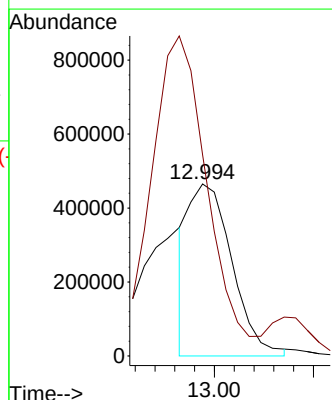
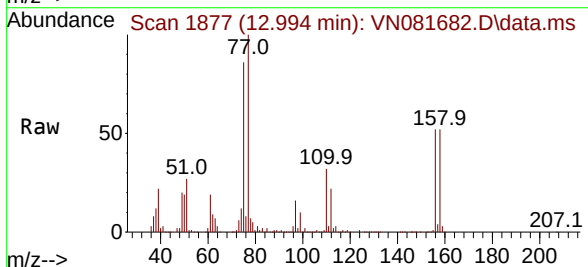
Manual Integrations  
 APPROVED

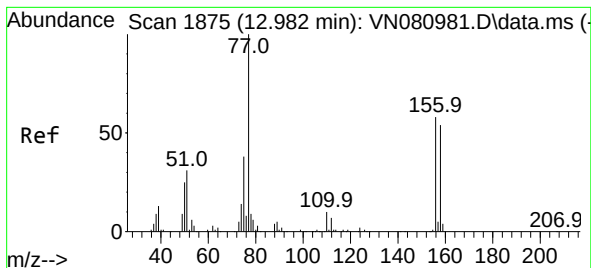
Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024



#72  
 1,2,3-Trichloropropane  
 Concen: 82.522 ug/l m  
 RT: 12.994 min Scan# 1877  
 Delta R.T. 0.000 min  
 Lab File: VN081682.D  
 Acq: 10 Apr 2024 14:49

Tgt Ion: 75 Resp: 708285  
 Ion Ratio Lower Upper  
 75 100  
 77 239.9 0.0 367.6





#73

Bromobenzene

Concen: 150.077 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

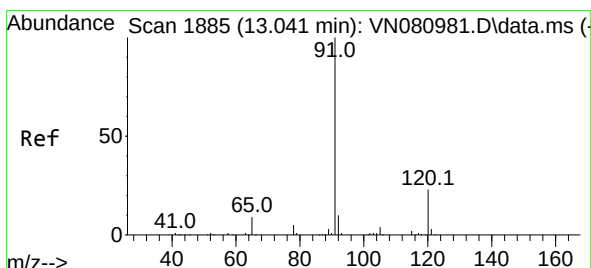
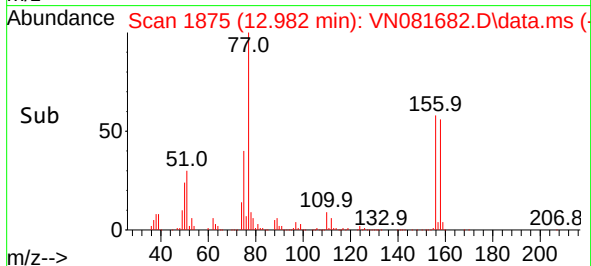
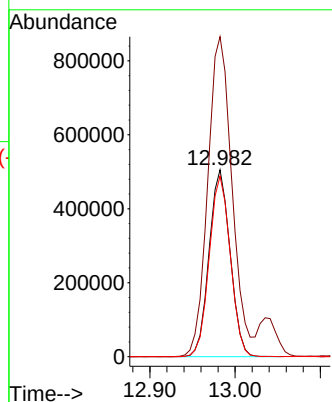
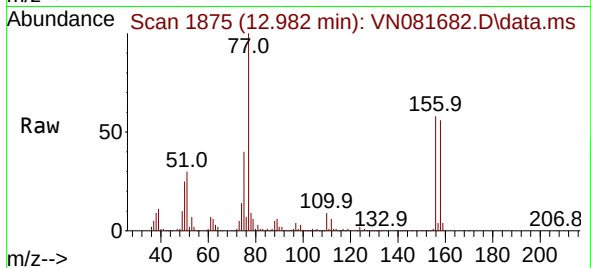
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 86639 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 196.1 | 0.0   | 437.6 |
| 158       | 96.6  | 0.0   | 203.8 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#74

n-propylbenzene

Concen: 156.972 ug/l

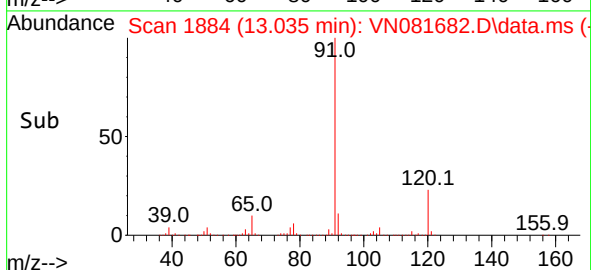
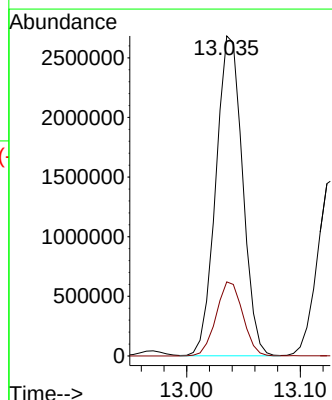
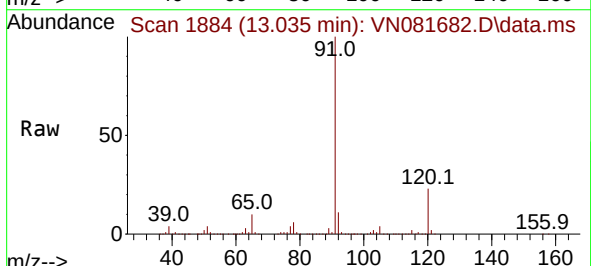
RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

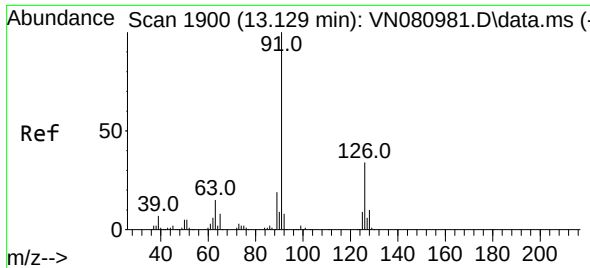
Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 4380094 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.0  | 0.0   | 43.8    |







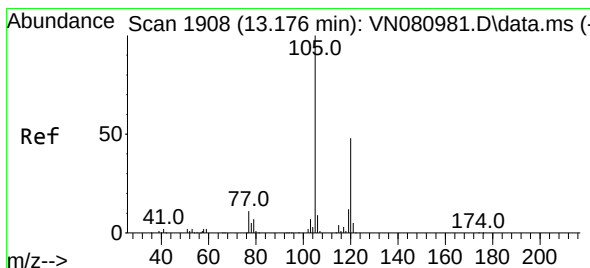
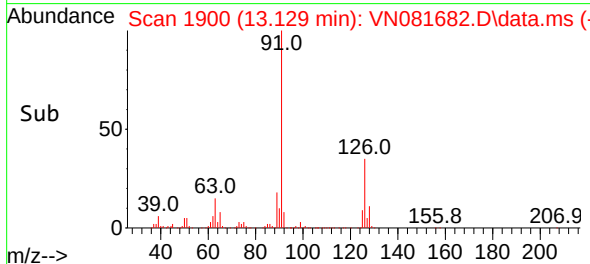
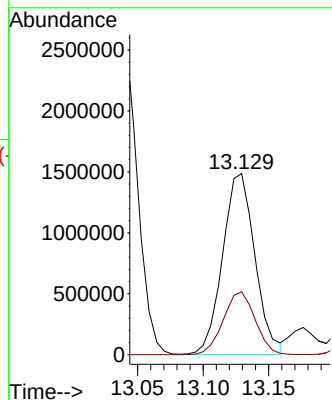
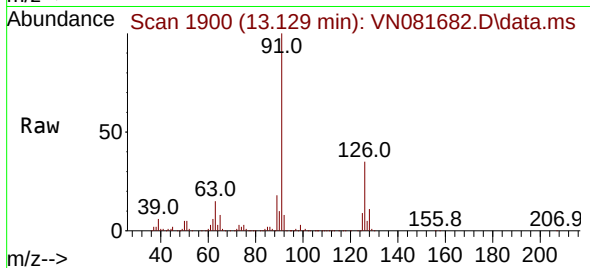
#75  
2-Chlorotoluene  
Concen: 153.387 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

Tgt Ion: 91 Resp: 2548469  
Ion Ratio Lower Upper  
91 100  
126 34.3 0.0 61.2

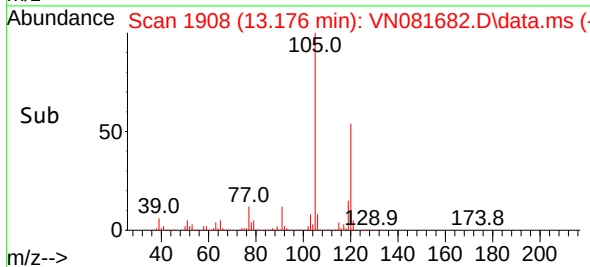
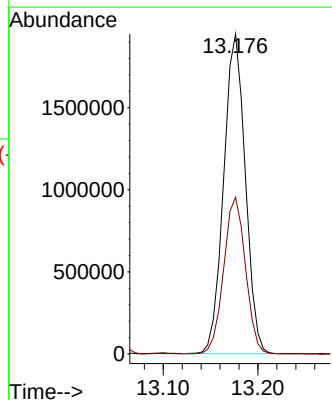
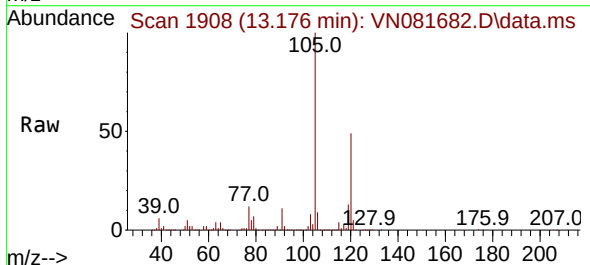
Manual Integrations  
APPROVED

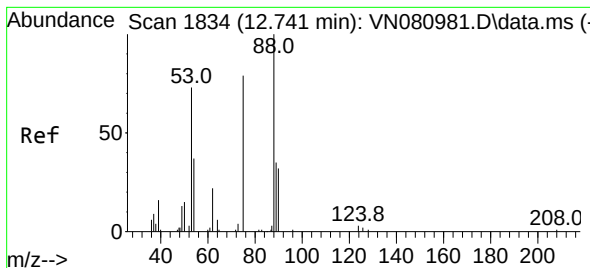
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#76  
1,3,5-Trimethylbenzene  
Concen: 156.188 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion:105 Resp: 3088564  
Ion Ratio Lower Upper  
105 100  
120 49.4 0.0 95.8





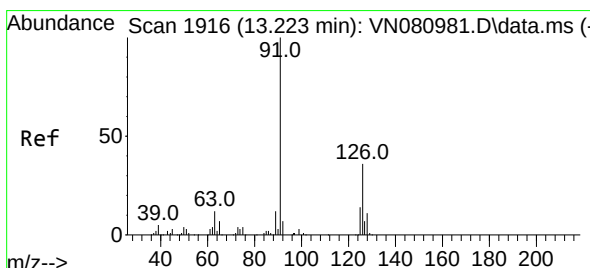
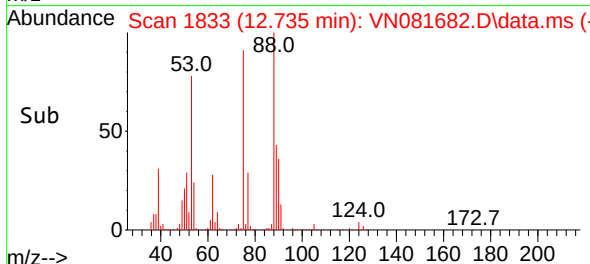
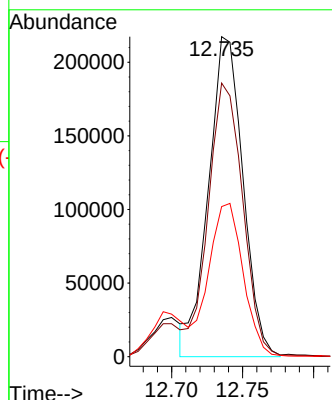
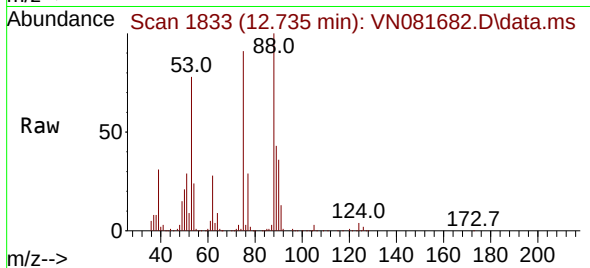
#77  
t-1,4-Dichloro-2-butene  
Concen: 157.292 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion: 75 Resp: 36702  
Ion Ratio Lower Upper  
75 100  
53 85.4 45.9 137.7  
89 46.7 25.9 77.7

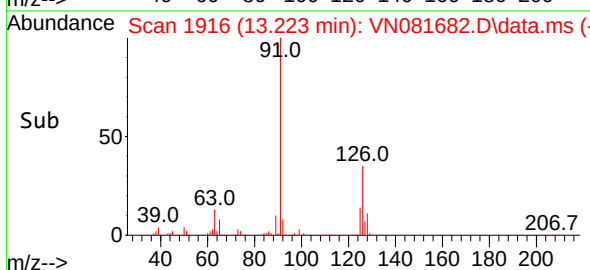
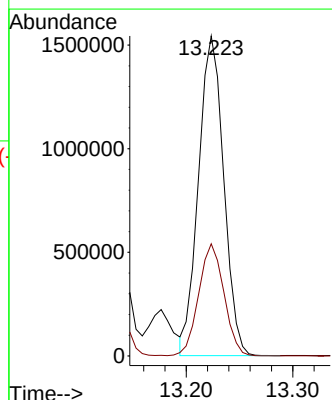
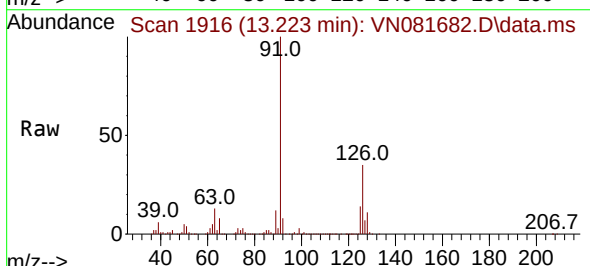
Manual Integrations  
APPROVED

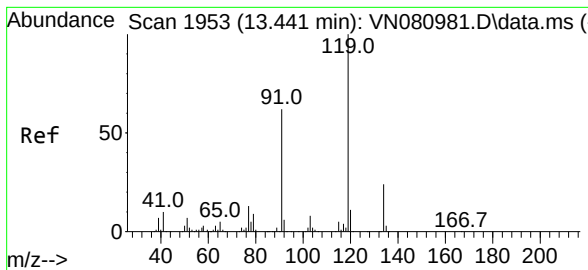
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#78  
4-Chlorotoluene  
Concen: 154.079 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 91 Resp: 2539080  
Ion Ratio Lower Upper  
91 100  
126 35.2 0.0 62.8





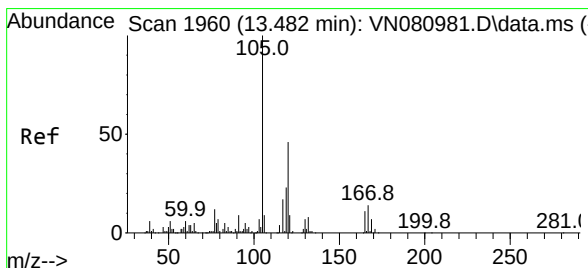
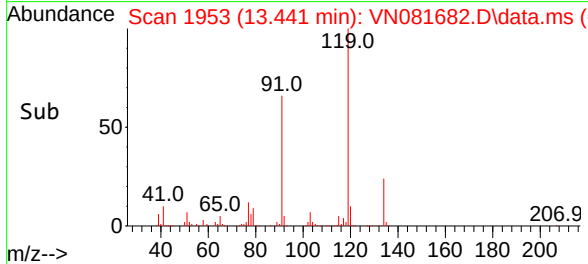
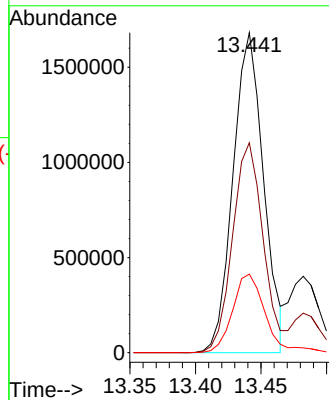
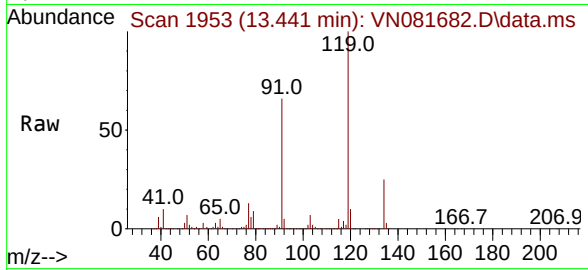
#79  
tert-butylbenzene  
Concen: 161.665 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion:119 Resp: 2719735  
Ion Ratio Lower Upper  
119 100  
91 65.2 0.0 138.8  
134 25.2 0.0 48.6

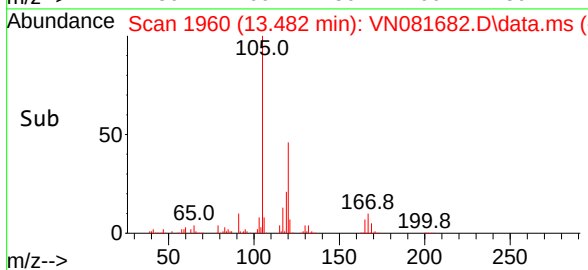
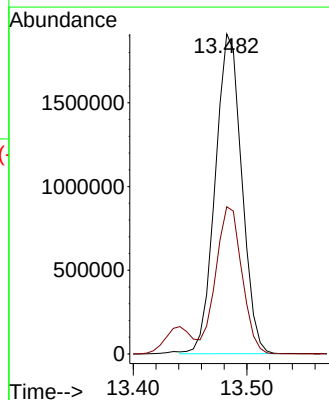
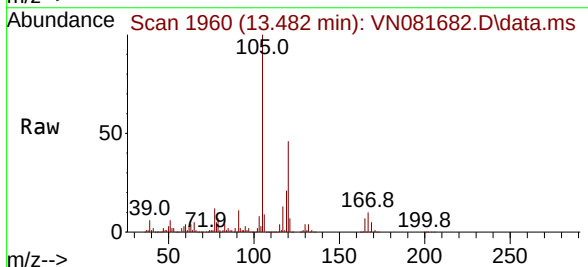
Manual Integrations  
APPROVED

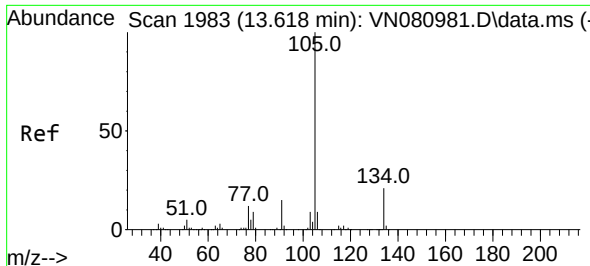
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#80  
1,2,4-Trimethylbenzene  
Concen: 156.777 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion:105 Resp: 3091775  
Ion Ratio Lower Upper  
105 100  
120 45.2 0.0 86.8





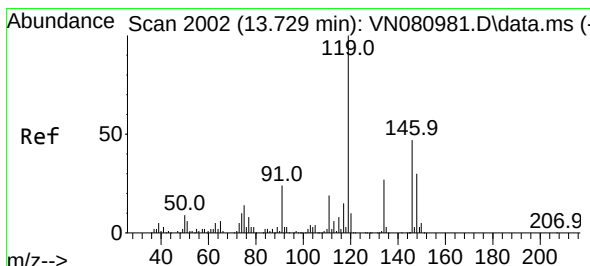
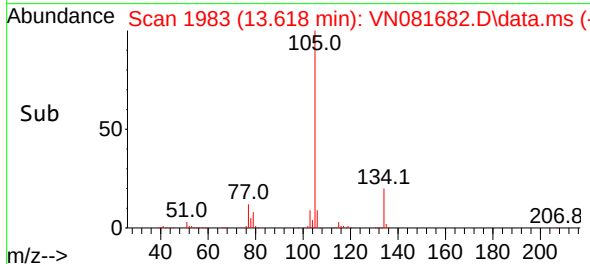
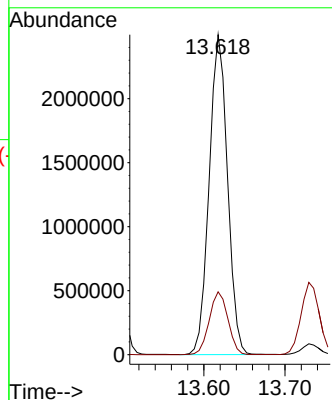
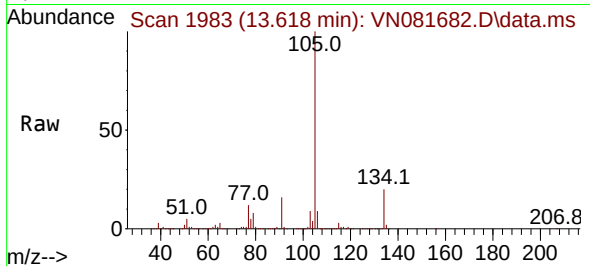
#81  
 sec-Butylbenzene  
 Concen: 161.459 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN081682.D  
 Acq: 10 Apr 2024 14:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

Tgt Ion:105 Resp: 391734  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 0.0 39.0

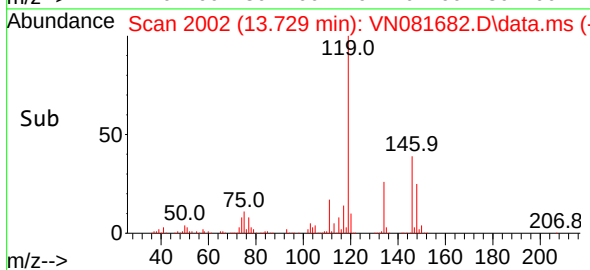
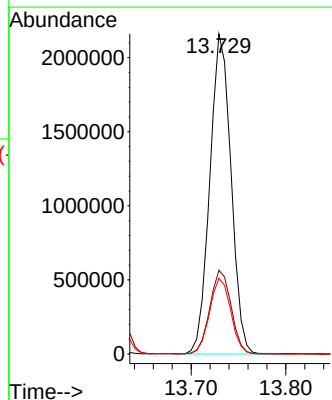
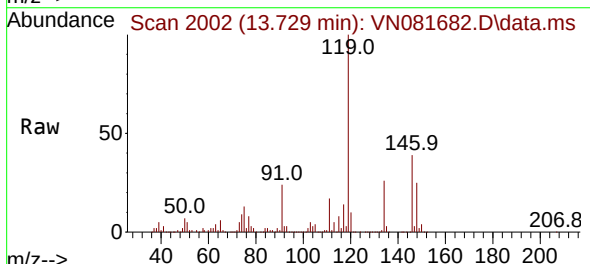
Manual Integrations  
 APPROVED

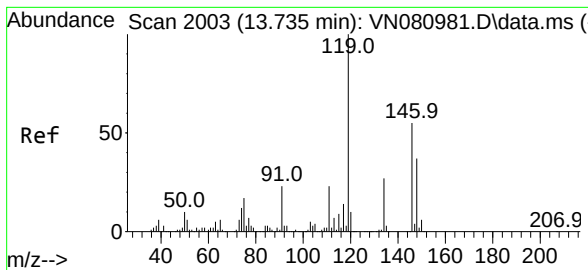
Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024



#82  
 p-Isopropyltoluene  
 Concen: 164.821 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN081682.D  
 Acq: 10 Apr 2024 14:49

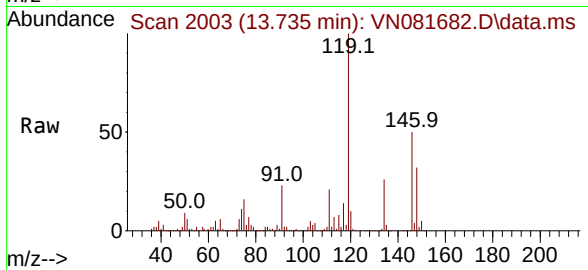
Tgt Ion:119 Resp: 3353777  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 0.0 49.2  
 91 23.5 0.0 48.8





#83  
1,3-Dichlorobenzene  
Concen: 151.677 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

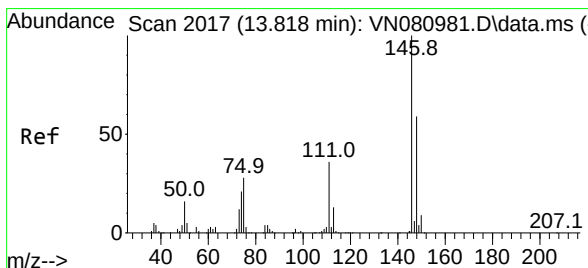
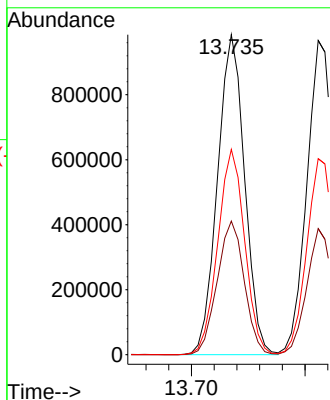
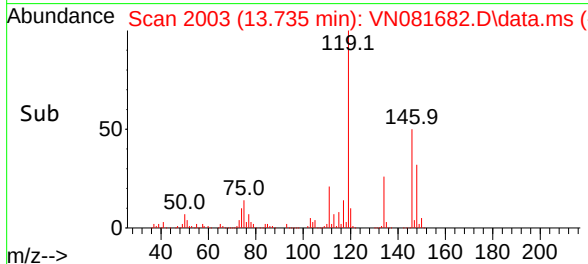
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



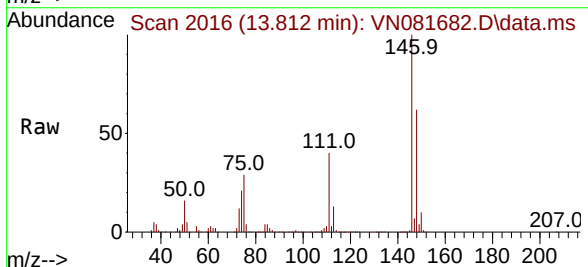
Tgt Ion:146 Resp: 163644  
Ion Ratio Lower Upper  
146 100  
111 41.6 22.4 67.0  
148 63.7 32.1 96.5

Manual Integrations  
APPROVED

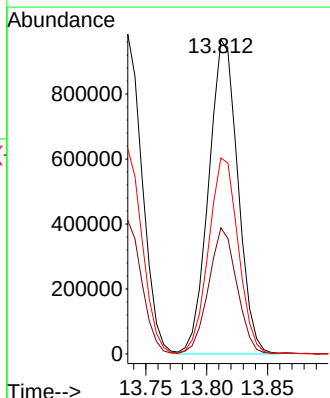
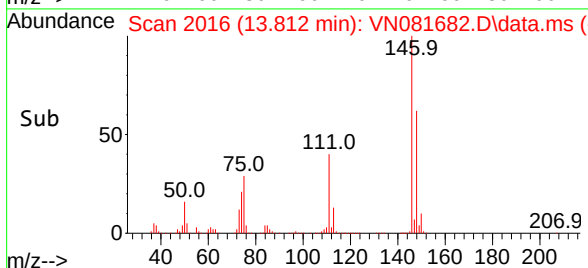
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

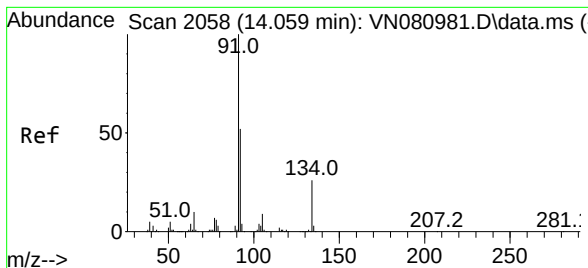


#84  
1,4-Dichlorobenzene  
Concen: 154.706 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49



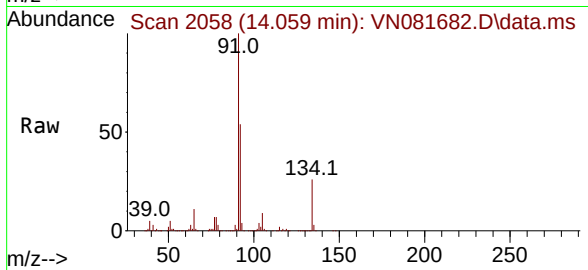
Tgt Ion:146 Resp: 1615731  
Ion Ratio Lower Upper  
146 100  
111 38.4 21.3 63.9  
148 63.5 31.9 95.5





#85  
n-Butylbenzene  
Concen: 165.989 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

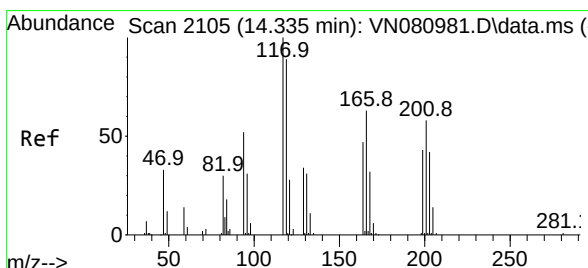
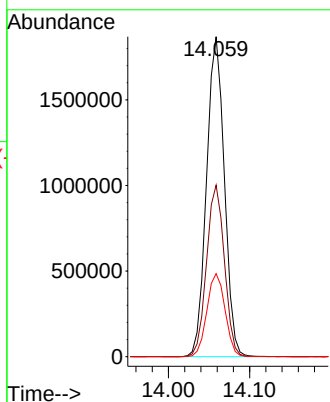
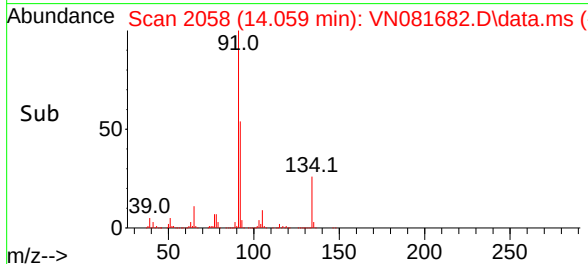
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 91 Resp: 2844980  
Ion Ratio Lower Upper  
91 100  
92 53.6 0.0 105.0  
134 26.5 0.0 51.8

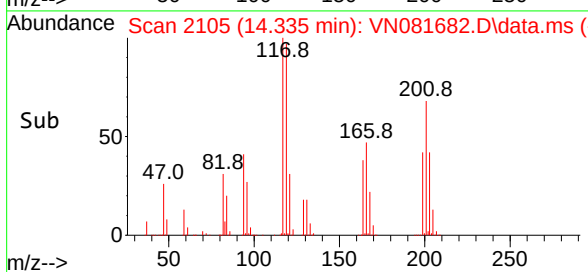
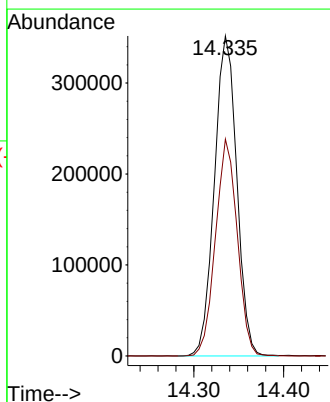
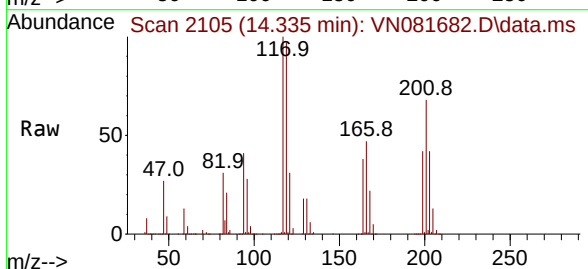
Manual Integrations  
APPROVED

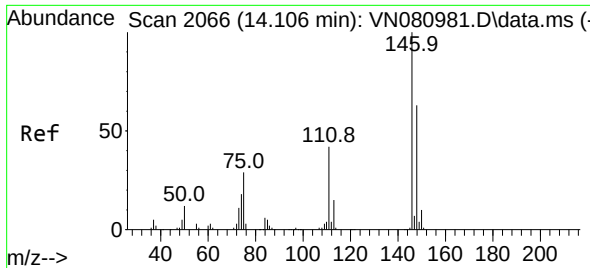
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#86  
Hexachloroethane  
Concen: 156.693 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion:117 Resp: 609121  
Ion Ratio Lower Upper  
117 100  
201 65.9 38.0 114.0





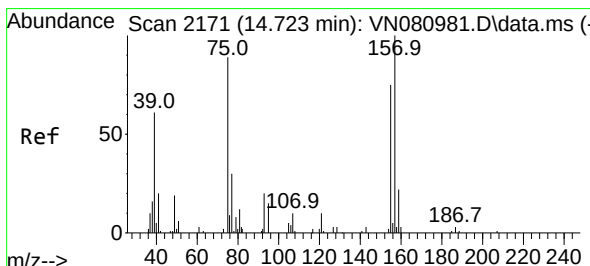
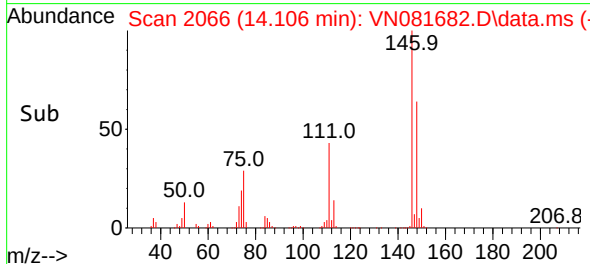
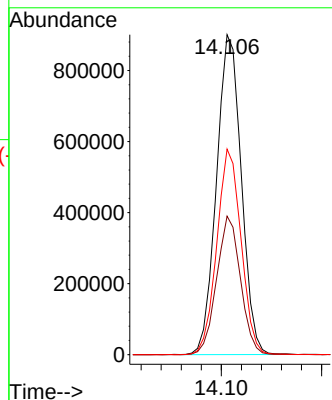
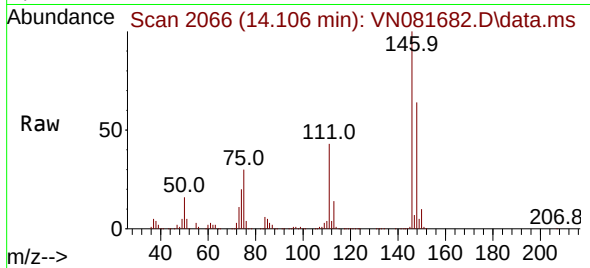
#87  
1,2-Dichlorobenzene  
Concen: 150.695 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

Tgt Ion:146 Resp: 1547584  
Ion Ratio Lower Upper  
146 100  
111 41.6 22.6 67.8  
148 63.0 31.3 93.8

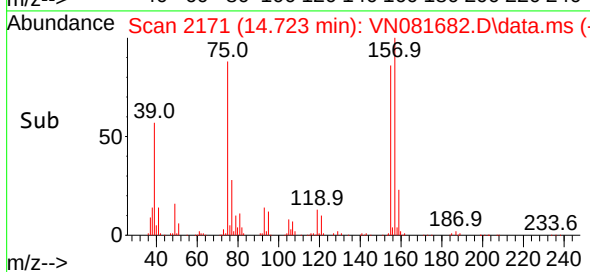
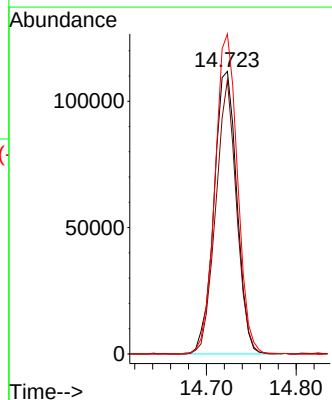
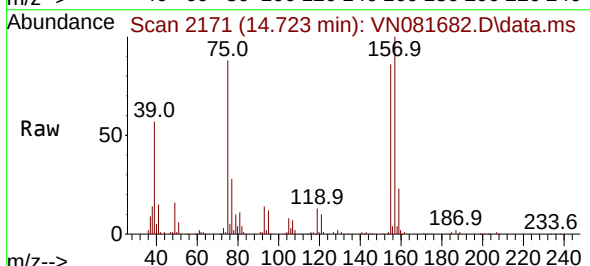
Manual Integrations  
APPROVED

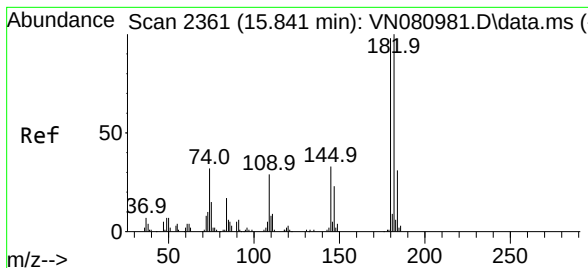
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 149.035 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion: 75 Resp: 197729  
Ion Ratio Lower Upper  
75 100  
155 88.2 61.7 92.5  
157 111.5 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 164.447 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 93204

Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

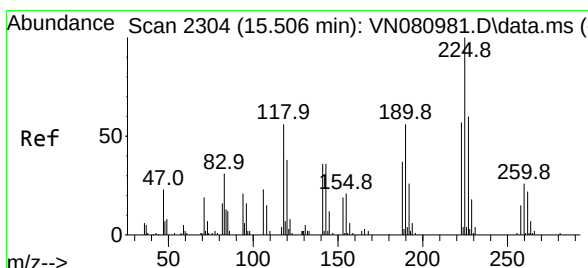
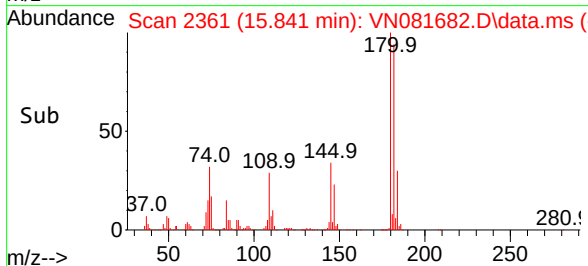
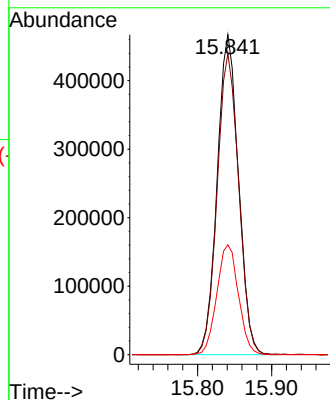
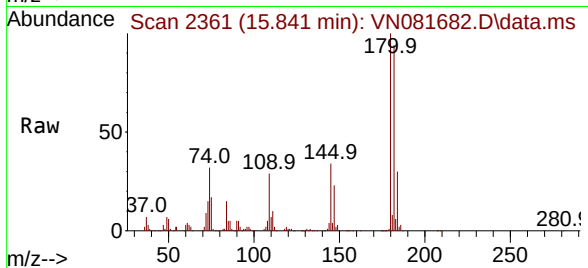
145 34.8 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#90

Hexachlorobutadiene

Concen: 155.692 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081682.D

Acq: 10 Apr 2024 14:49

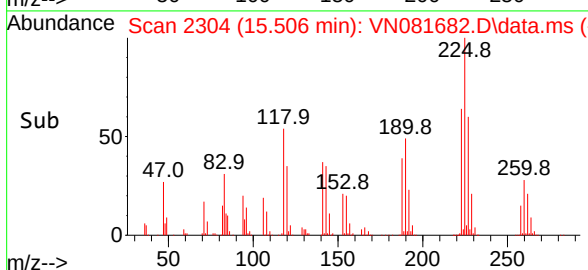
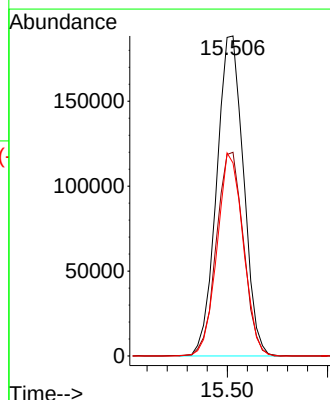
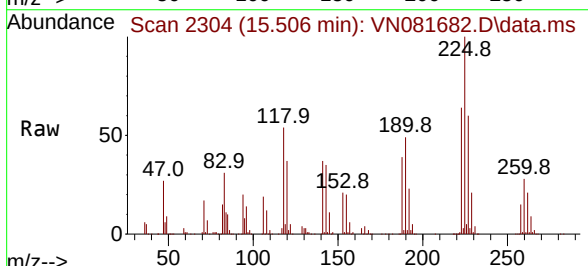
Tgt Ion:225 Resp: 351196

Ion Ratio Lower Upper

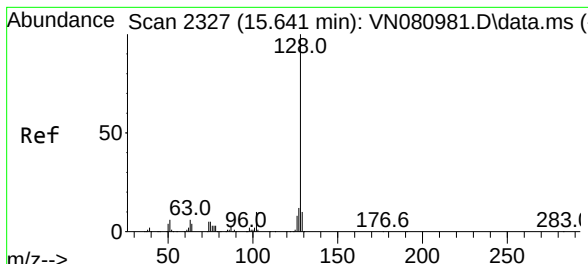
225 100

223 63.9 0.0 126.6

227 61.5 0.0 126.6

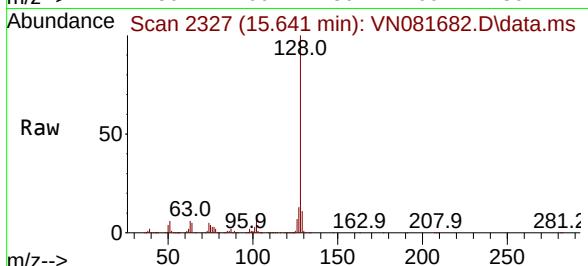






#91  
Naphthalene  
Concen: 174.730 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

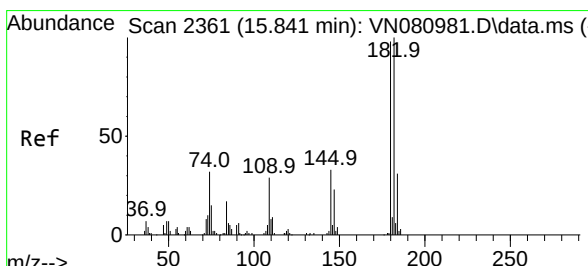
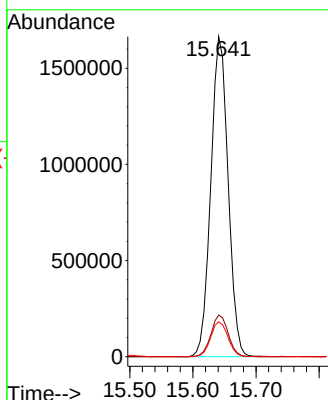
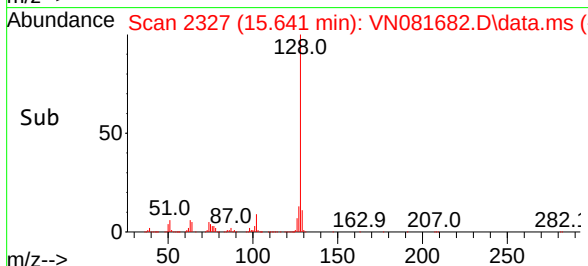
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion:128 Resp: 316206  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.6 16.0  
129 10.9 8.6 13.0

Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#92  
1,2,3-Trichlorobenzene  
Concen: 165.582 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.006 min  
Lab File: VN081682.D  
Acq: 10 Apr 2024 14:49

Tgt Ion:180 Resp: 932041  
Ion Ratio Lower Upper  
180 100  
182 95.0 0.0 191.0  
145 34.8 0.0 71.0

