

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072423\  
 Data File : VN078638.D  
 Acq On : 24 Jul 2023 17:11  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/25/2023  
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 03:14:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 10 16:13:53 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 8.230          | 168  | 540410     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 872638     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.871         | 117  | 794792     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.800         | 152  | 334581     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583          | 65   | 340696     | 47.026   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 94.060%  |        |          |
| 35) Dibromofluoromethane     | 8.177          | 113  | 308286     | 52.042   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 104.080% |        |          |
| 50) Toluene-d8               | 10.571         | 98   | 1124385    | 50.245   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 100.480% |        |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 370098     | 53.692   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 107.380% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.136          | 85   | 232708     | 35.122   | ug/l   | 97       |
| 3) Chloromethane             | 2.371          | 50   | 300512     | 41.729   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.518          | 62   | 406502     | 43.635   | ug/l   | 96       |
| 5) Bromomethane              | 2.942          | 94   | 266691     | 44.737   | ug/l   | 98       |
| 6) Chloroethane              | 3.118          | 64   | 280981     | 49.855   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.500          | 101  | 468370     | 42.058   | ug/l   | 94       |
| 8) Diethyl Ether             | 3.965          | 74   | 170073     | 45.838   | ug/l   | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377          | 101  | 258085     | 43.780   | ug/l   | 93       |
| 10) Methyl Iodide            | 4.595          | 142  | 368143     | 45.446   | ug/l   | 93       |
| 11) Tert butyl alcohol       | 5.536          | 59   | 235710     | 210.989  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.342          | 96   | 248775     | 43.627   | ug/l   | 92       |
| 13) Acrolein                 | 4.189          | 56   | 226255     | 205.847  | ug/l   | 96       |
| 14) Allyl chloride           | 5.036          | 41   | 363482     | 46.649   | ug/l   | 95       |
| 15) Acrylonitrile            | 5.730          | 53   | 650044     | 230.295  | ug/l   | 99       |
| 16) Acetone                  | 4.442          | 43   | 468808     | 207.736  | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.718          | 76   | 576512     | 34.963   | ug/l   | 99       |
| 18) Methyl Acetate           | 5.036          | 43   | 439446     | 46.000   | ug/l   | 91       |
| 19) Methyl tert-butyl Ether  | 5.806          | 73   | 904007     | 48.116   | ug/l   | 94       |
| 20) Methylene Chloride       | 5.283          | 84   | 306909     | 47.347   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 5.794          | 96   | 276811     | 43.078   | ug/l   | 88       |
| 22) Diisopropyl ether        | 6.683          | 45   | 848291     | 48.621   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.612          | 43   | 2576131    | 232.256  | ug/l # | 90       |
| 24) 1,1-Dichloroethane       | 6.577          | 63   | 541283     | 46.041   | ug/l   | 96       |
| 25) 2-Butanone               | 7.494          | 43   | 800581     | 225.362  | ug/l   | 88       |
| 26) 2,2-Dichloropropane      | 7.494          | 77   | 457303     | 47.559   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.494          | 96   | 347729     | 46.778   | ug/l   | 95       |
| 28) Bromochloromethane       | 7.824          | 49   | 253903     | 45.853   | ug/l   | 95       |
| 29) Tetrahydrofuran          | 7.841          | 42   | 508939     | 218.336  | ug/l   | 88       |
| 30) Chloroform               | 7.971          | 83   | 584964     | 47.792   | ug/l   | 98       |
| 31) Cyclohexane              | 8.265          | 56   | 377434     | 38.549   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 8.177          | 97   | 517765     | 47.182   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 398496     | 46.590   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.571          | 43   | 333609     | 46.788   | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 8.365          | 117  | 453624     | 48.797   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.606          | 83   | 363701     | 46.584   | ug/l   | 93       |
| 40) Benzene                  | 8.612          | 78   | 1256427    | 49.583   | ug/l   | 99       |

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 ALS Vial : 10 Sample Multiplier: 1

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 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 25 03:14:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 10 16:13:53 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/25/2023  
 Supervised By : Mahesh Dadoda 07/25/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 180649   | 49.699  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 423110   | 49.090  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 593425   | 50.551  | ug/l   | 95       |
| 44) Trichloroethene           | 9.359  | 130  | 326555   | 47.815  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.630  | 63   | 322264   | 50.213  | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 229564   | 50.821  | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.894  | 83   | 477030   | 52.682  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.688  | 41   | 264372   | 48.611  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 116274   | 980.349 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 1771607  | 253.721 | ug/l   | 95       |
| 52) Toluene                   | 10.635 | 92   | 796172   | 50.695  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 487989   | 52.605  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 532332   | 53.835  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.024 | 97   | 328858   | 53.147  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 466119   | 53.888  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 536890   | 51.030  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 810232   | 262.845 | ug/l   | 94       |
| 59) 2-Hexanone                | 11.200 | 43   | 1248101  | 251.505 | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.365 | 129  | 372125   | 54.475  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 326370   | 51.202  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.112 | 164  | 285913   | 47.848  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.900 | 112  | 875007   | 49.253  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 344548   | 50.414  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.971 | 91   | 1525749  | 50.808  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 1149394  | 103.523 | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 568075   | 50.656  | ug/l   | 98       |
| 70) Styrene                   | 12.418 | 104  | 929711   | 52.991  | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 248598   | 53.709  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 1423255  | 45.271  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 466664   | 43.073  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 442613   | 50.433  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 348318m  | 43.070  | ug/l   |          |
| 77) Bromobenzene              | 12.988 | 156  | 349192   | 51.109  | ug/l   | 92       |
| 78) n-propylbenzene           | 13.041 | 91   | 1565335  | 46.557  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 972558   | 44.161  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 1142012  | 45.974  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 133382   | 43.340  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 948711   | 46.179  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 968565   | 45.926  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 1127296  | 46.721  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.623 | 105  | 1237241  | 46.413  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 1012241  | 47.290  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.741 | 146  | 577390   | 47.840  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 570898   | 46.962  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.065 | 91   | 779196   | 50.877  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 192216   | 48.839  | ug/l   | 81       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 558710   | 46.517  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 70986    | 47.051  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 194541   | 50.750  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 110536   | 56.259  | ug/l   | 98       |
| 95) Naphthalene               | 15.647 | 128  | 566412   | 43.221  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 205141   | 46.541  | ug/l   | 97       |

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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 03:14:54 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 10 16:13:53 2023  
Response via : Initial Calibration

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

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

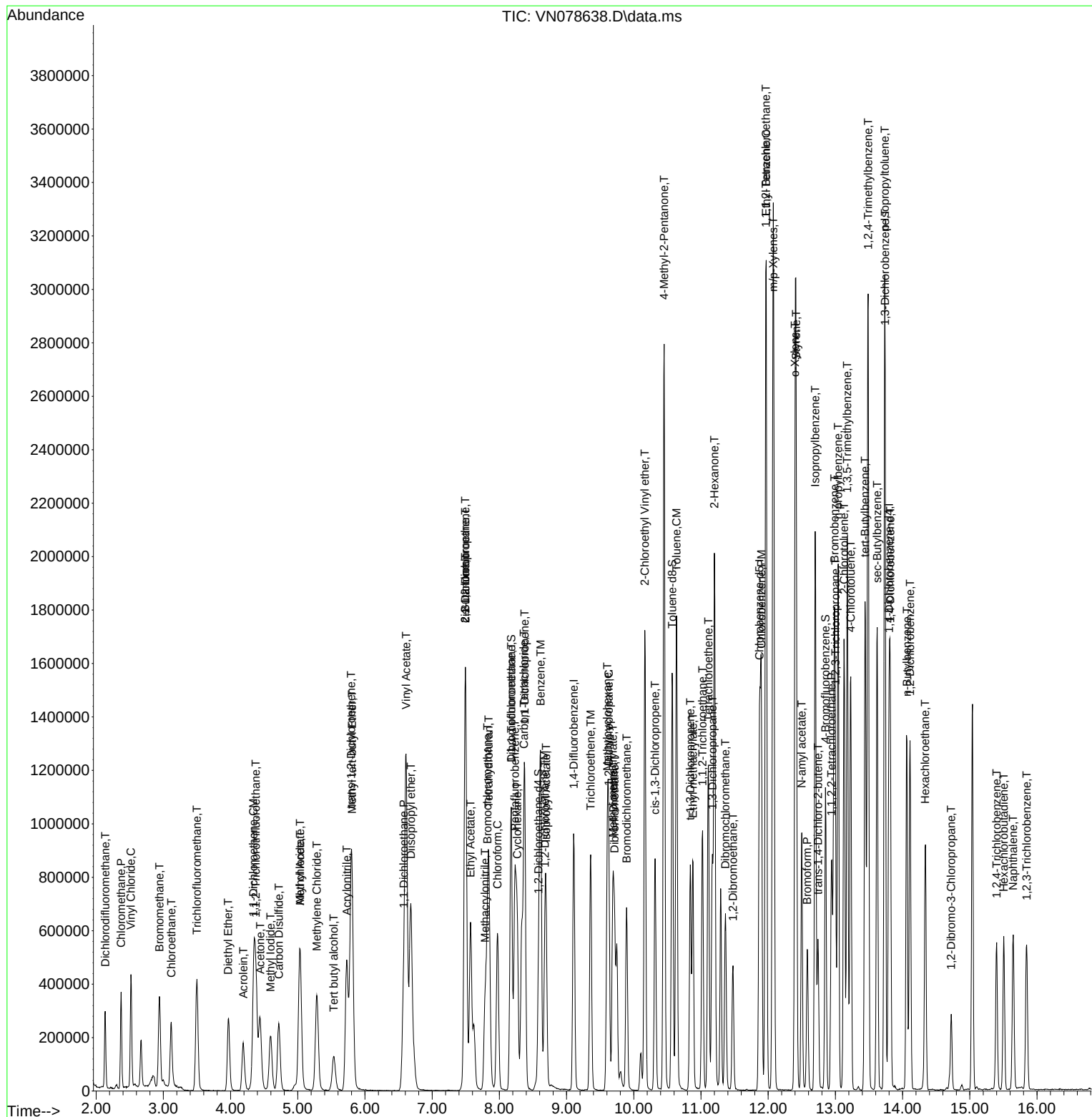
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

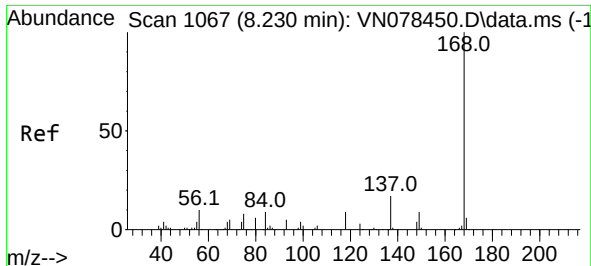
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### Manual Integrations APPROVED

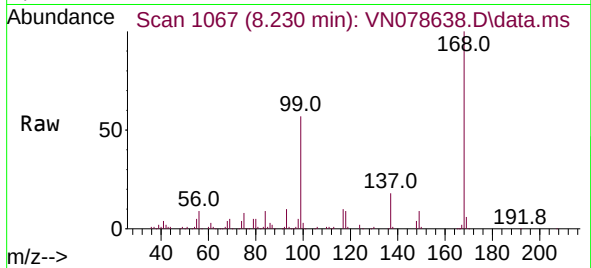
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#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

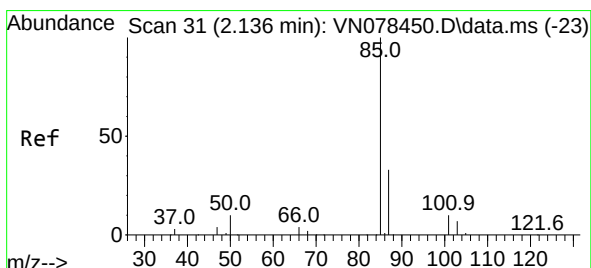
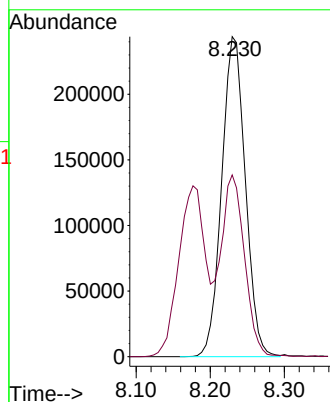
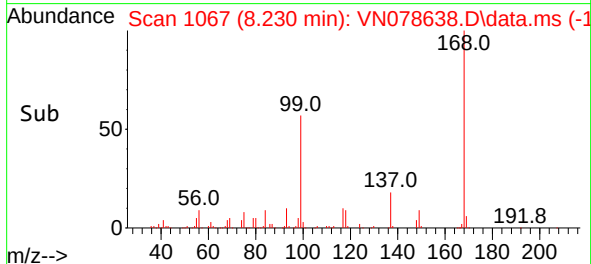
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:168 Resp: 540410  
Ion Ratio Lower Upper  
168 100  
99 56.4 53.0 79.6

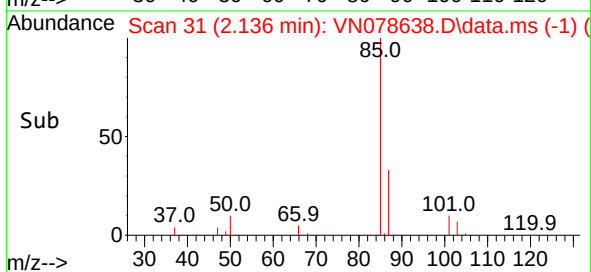
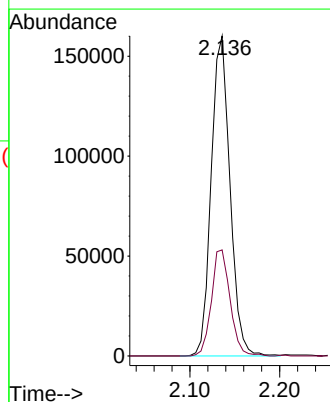
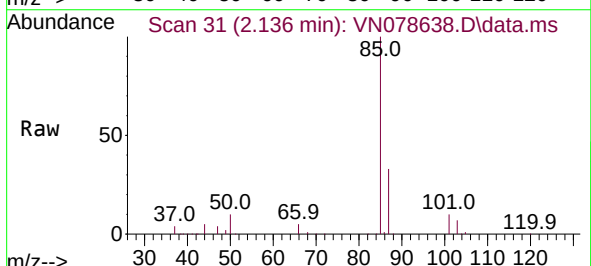
Manual Integrations  
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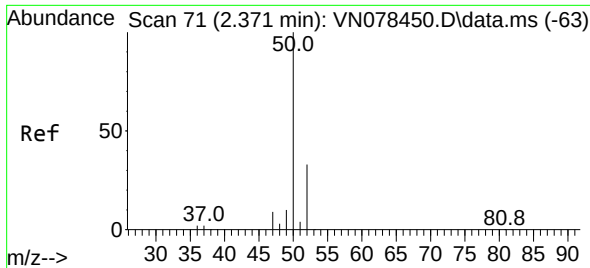
Reviewed By :John Carlone 07/25/2023  
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#2  
Dichlorodifluoromethane  
Concen: 35.122 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

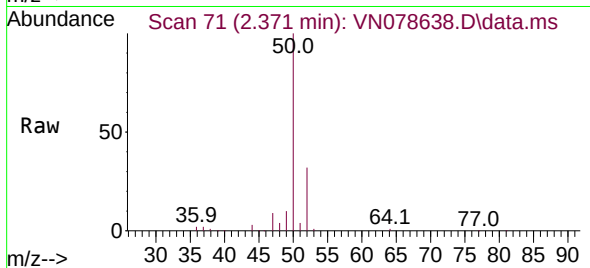
Tgt Ion: 85 Resp: 232708  
Ion Ratio Lower Upper  
85 100  
87 33.2 15.8 47.4





#3  
Chloromethane  
Concen: 41.729 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

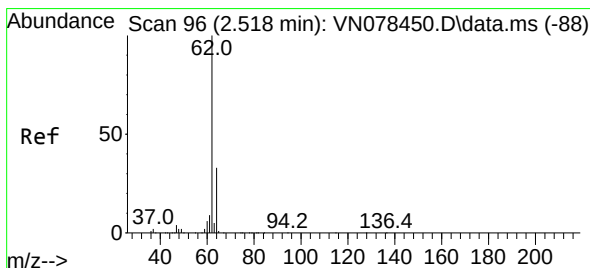
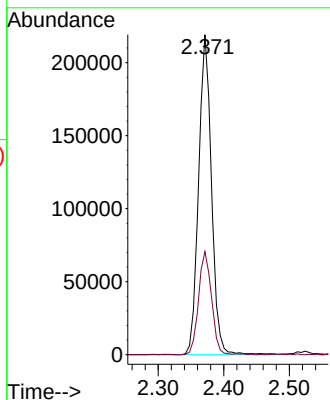
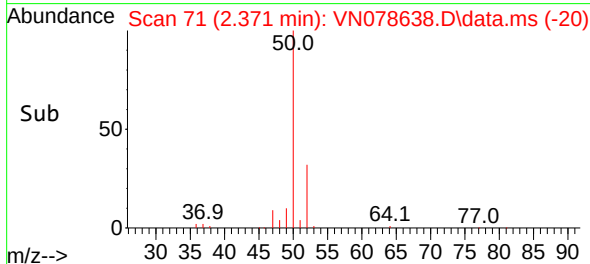
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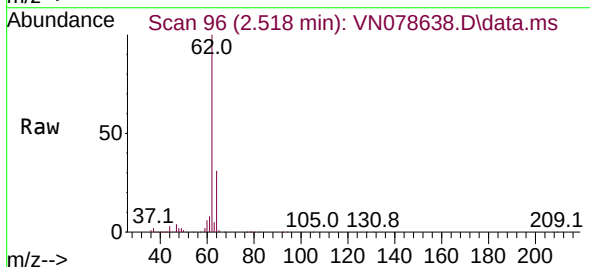
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Ion Ratio Lower Upper  
50 100  
52 32.2 26.5 39.7

Manual Integrations  
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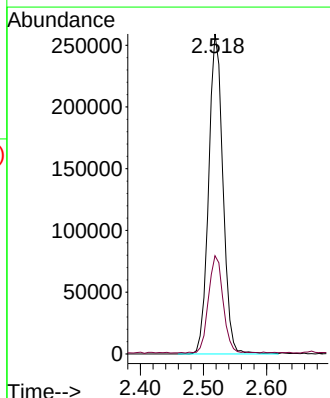
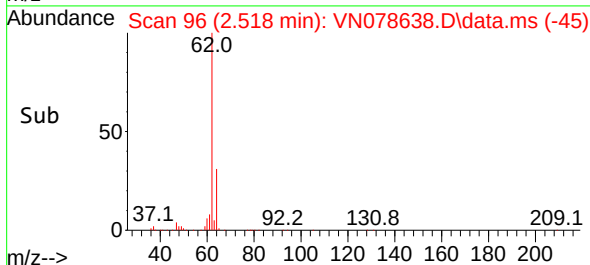
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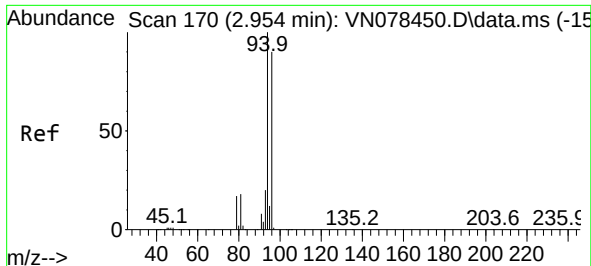


#4  
Vinyl Chloride  
Concen: 43.635 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



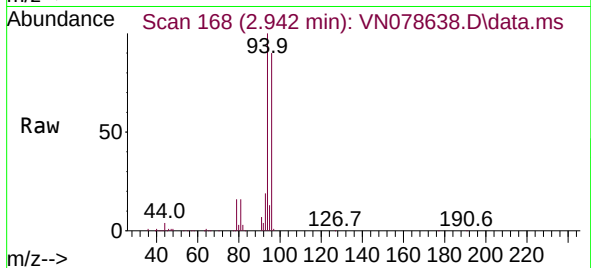
Tgt Ion: 62 Resp: 406502  
Ion Ratio Lower Upper  
62 100  
64 30.4 26.2 39.2





#5  
Bromomethane  
Concen: 44.737 ug/l  
RT: 2.942 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

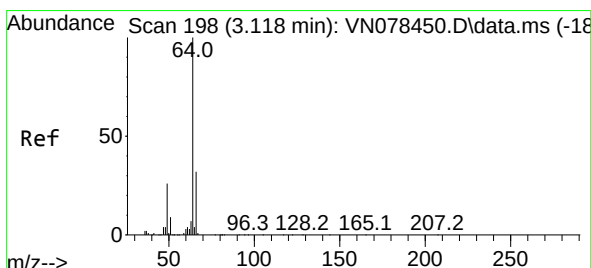
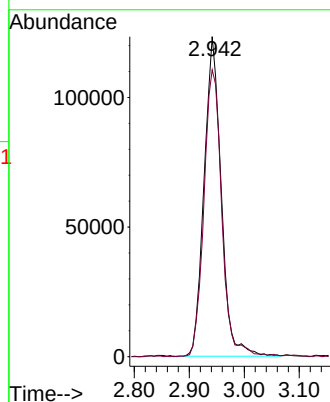
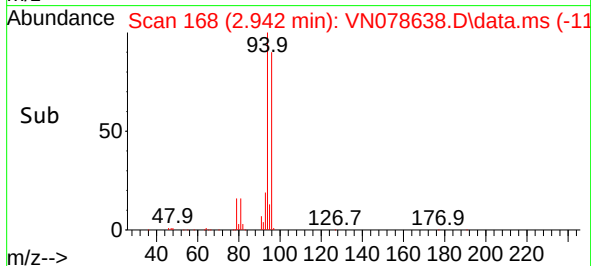
Instrument :  
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Tgt Ion: 94 Resp: 26669  
Ion Ratio Lower Upper  
94 100  
96 89.6 73.1 109.7

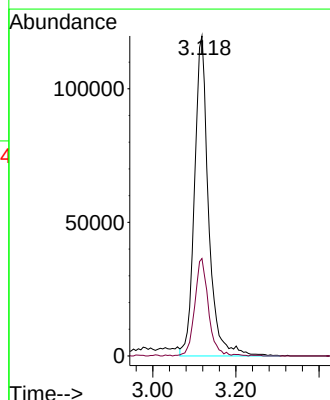
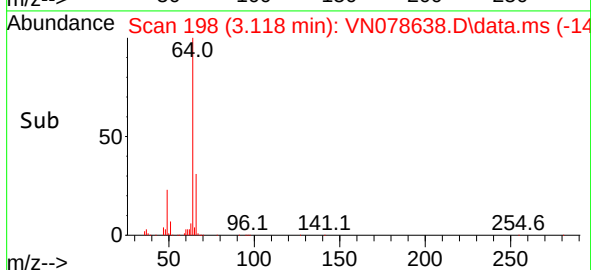
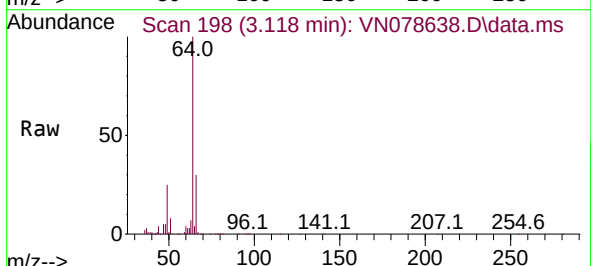
Manual Integrations  
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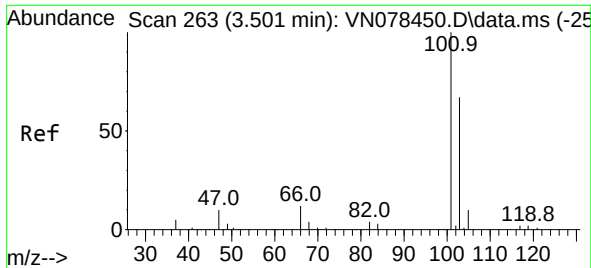
Reviewed By :John Carlone 07/25/2023  
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#6  
Chloroethane  
Concen: 49.855 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

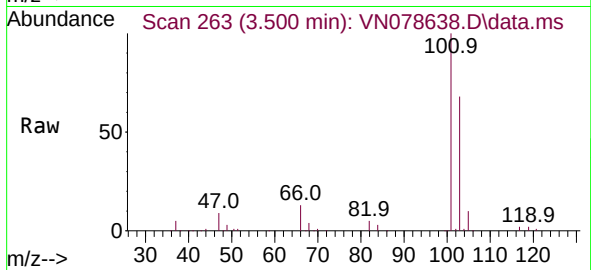
Tgt Ion: 64 Resp: 280981  
Ion Ratio Lower Upper  
64 100  
66 30.5 25.4 38.2





#7  
Trichlorofluoromethane  
Concen: 42.058 ug/l  
RT: 3.500 min Scan# 210  
Delta R.T. -0.001 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

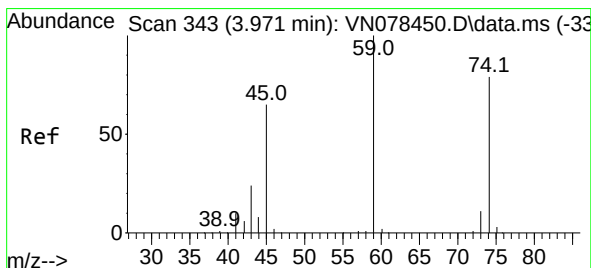
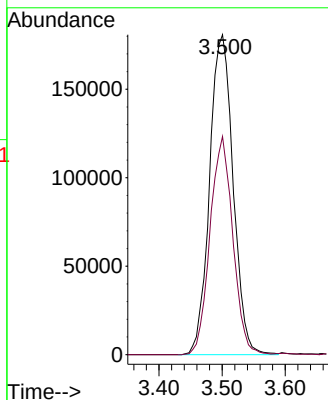
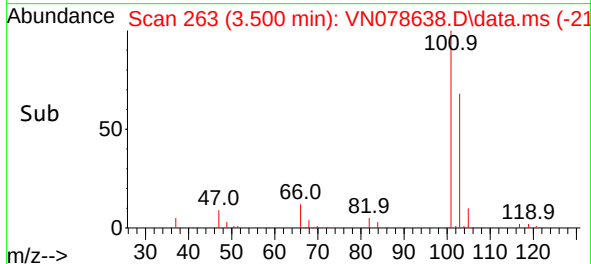
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:101 Resp: 468370  
Ion Ratio Lower Upper  
101 100  
103 68.2 50.7 76.1

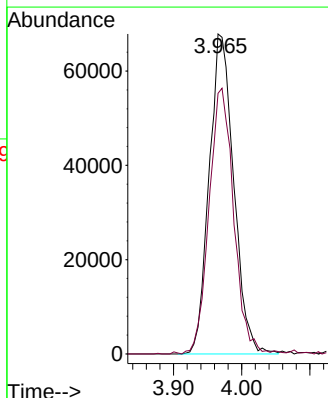
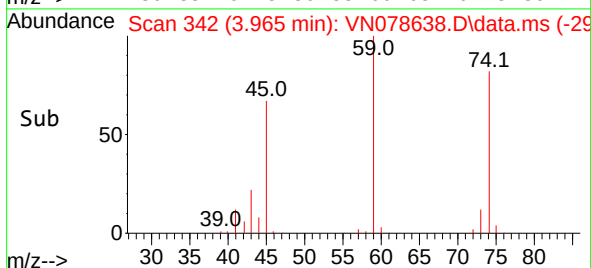
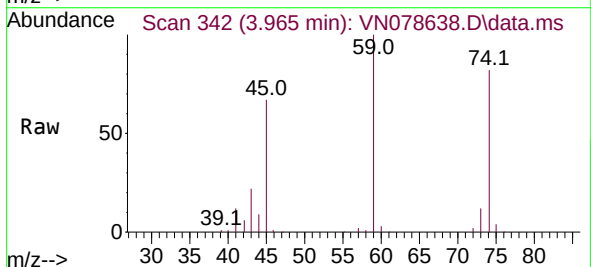
Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

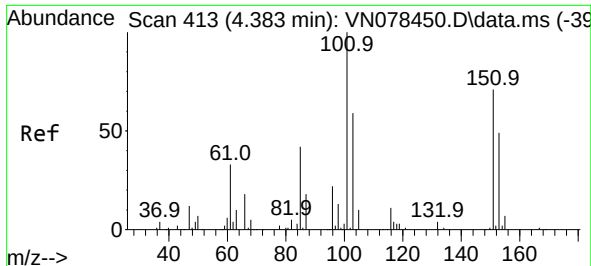


#8  
Diethyl Ether  
Concen: 45.838 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Tgt Ion: 74 Resp: 170073  
Ion Ratio Lower Upper  
74 100  
45 83.1 34.4 103.3







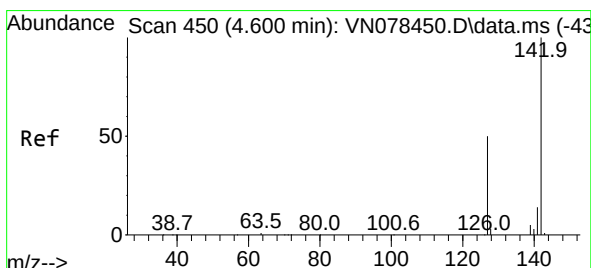
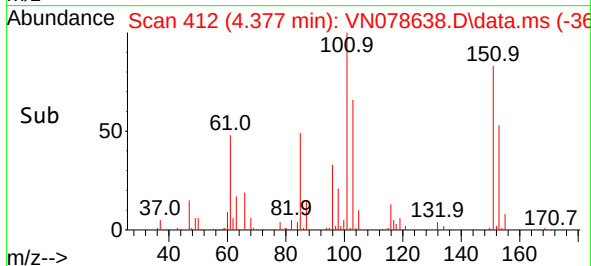
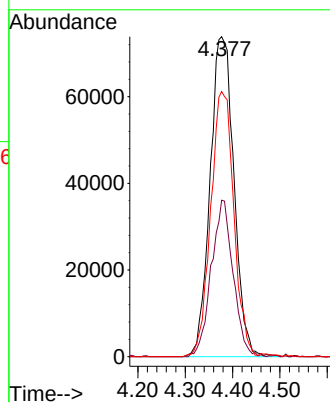
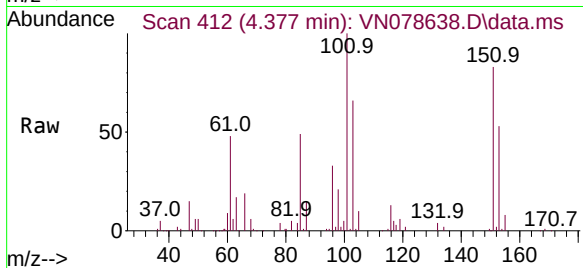
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.780 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 25808  
Ion Ratio Lower Upper  
101 100  
85 44.7 36.6 55.0  
151 80.4 57.6 86.4

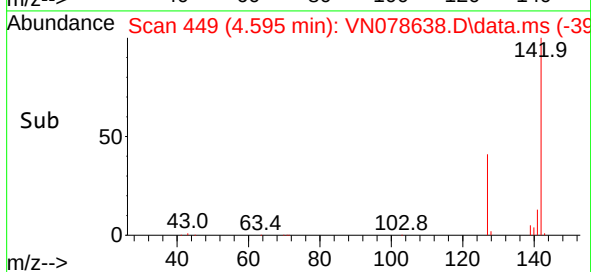
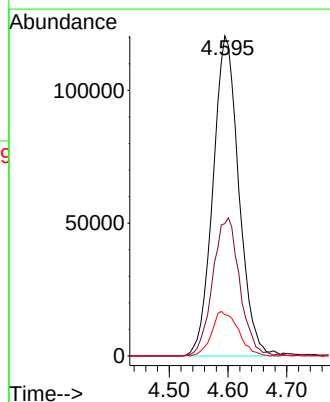
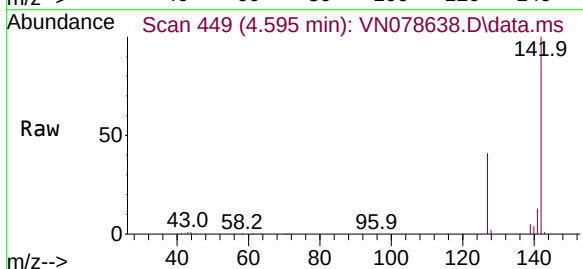
Manual Integrations  
APPROVED

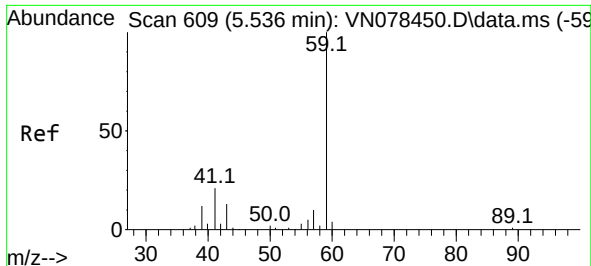
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#10  
Methyl Iodide  
Concen: 45.446 ug/l  
RT: 4.595 min Scan# 449  
Delta R.T. -0.005 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Tgt Ion:142 Resp: 368143  
Ion Ratio Lower Upper  
142 100  
127 41.4 37.6 56.4  
141 12.9 11.4 17.0





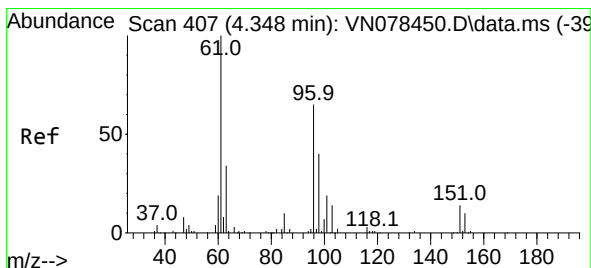
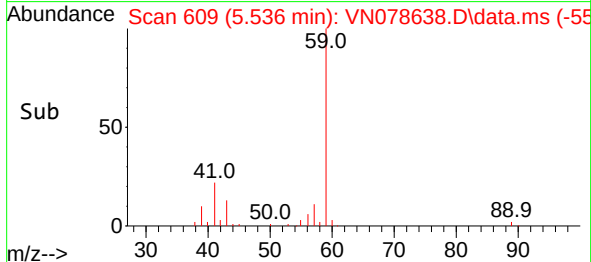
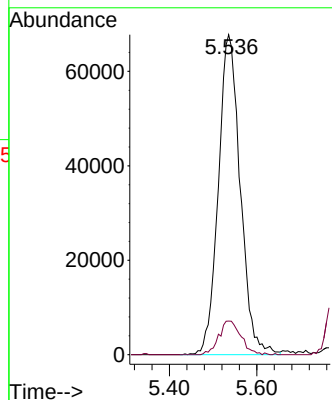
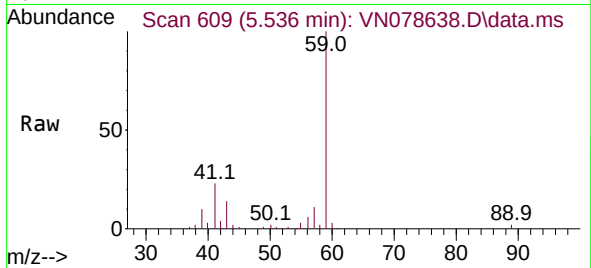
#11  
Tert butyl alcohol  
Concen: 210.989 ug/l  
RT: 5.536 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 59 Resp: 235710  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.2 12.4

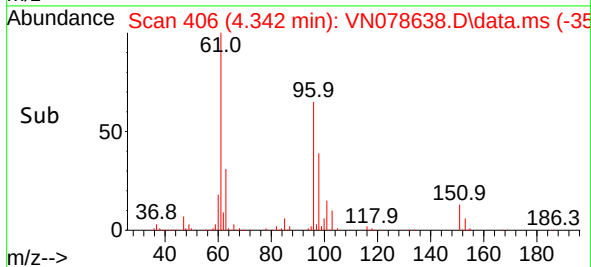
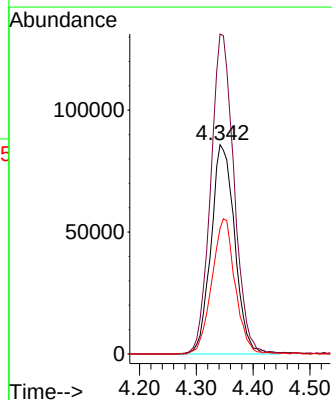
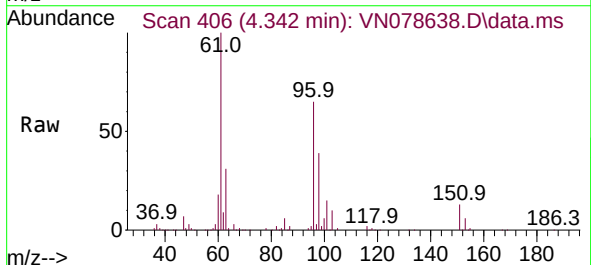
Manual Integrations  
APPROVED

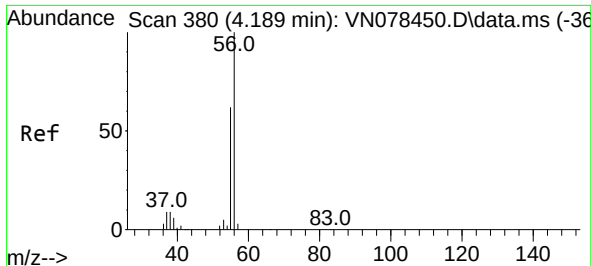
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#12  
1,1-Dichloroethene  
Concen: 43.627 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

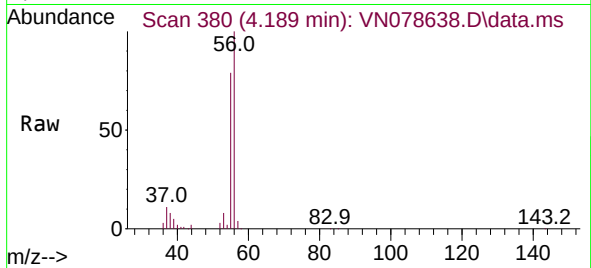
Tgt Ion: 96 Resp: 248775  
Ion Ratio Lower Upper  
96 100  
61 152.9 112.7 169.1  
98 59.6 51.2 76.8





#13  
Acrolein  
Concen: 205.847 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

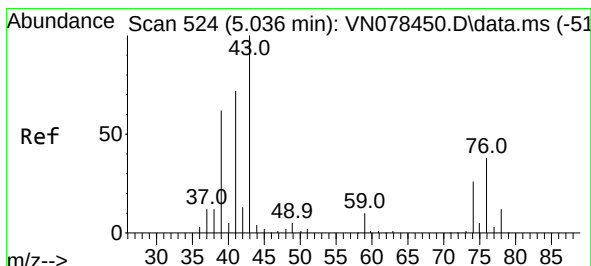
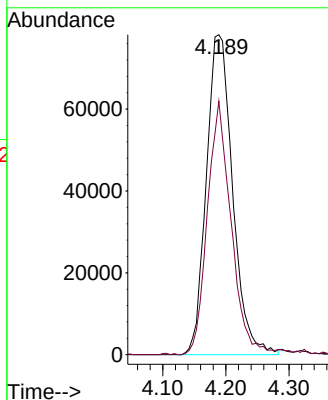
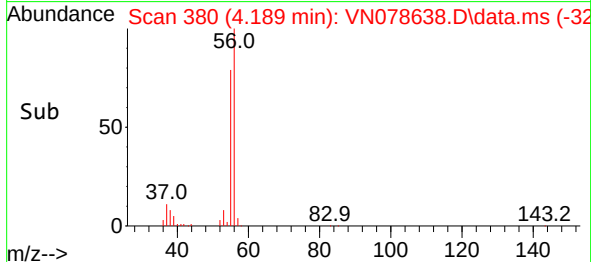
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 22625  
Ion Ratio Lower Upper  
56 100  
55 71.4 54.5 81.7

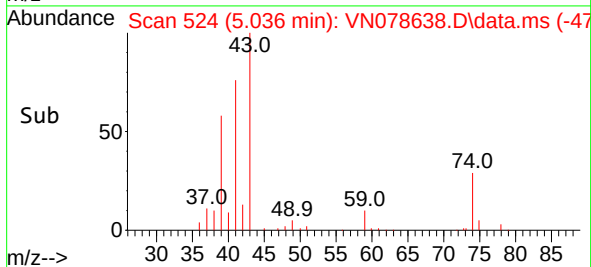
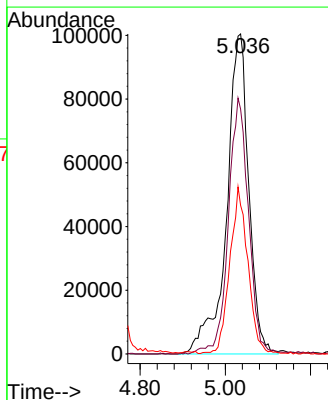
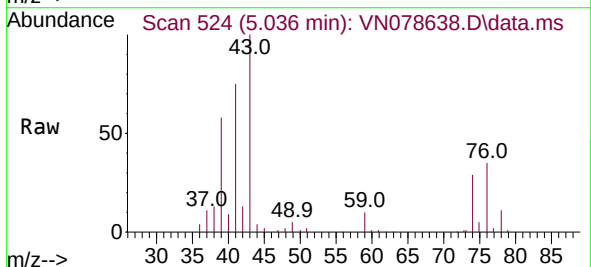
Manual Integrations  
APPROVED

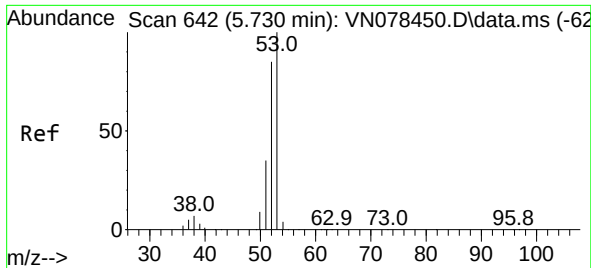
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#14  
Allyl chloride  
Concen: 46.649 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

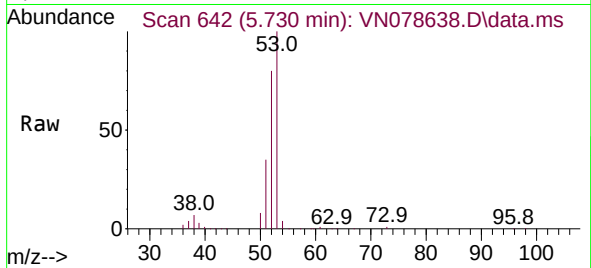
Tgt Ion: 41 Resp: 363482  
Ion Ratio Lower Upper  
41 100  
39 72.5 58.8 88.2  
76 42.1 39.1 58.7





#15  
Acrylonitrile  
Concen: 230.295 ug/l  
RT: 5.730 min Scan# 642  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

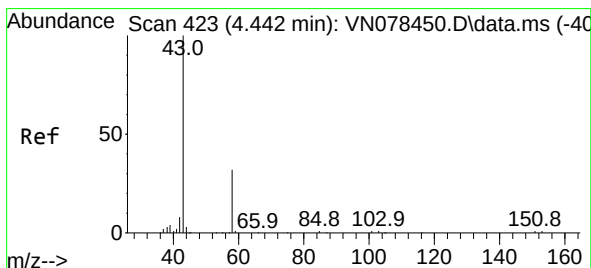
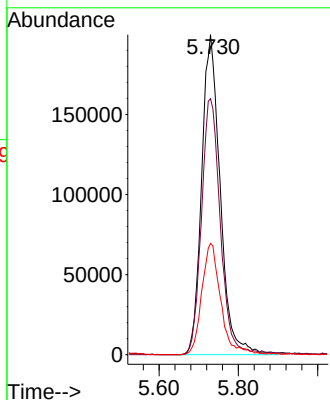
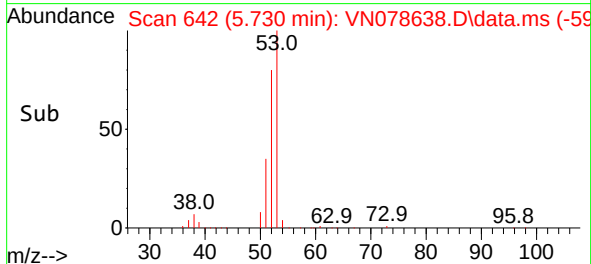
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 53 Resp: 650044  
Ion Ratio Lower Upper  
53 100  
52 81.0 65.3 97.9  
51 35.5 28.9 43.3

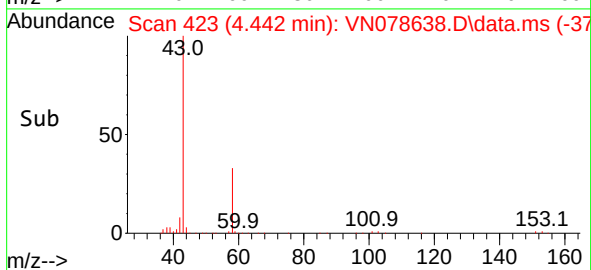
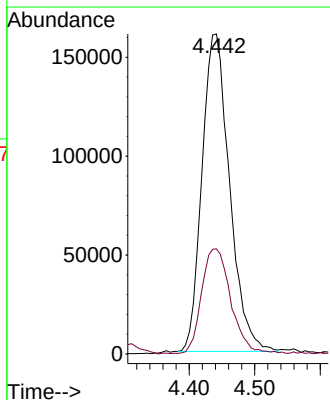
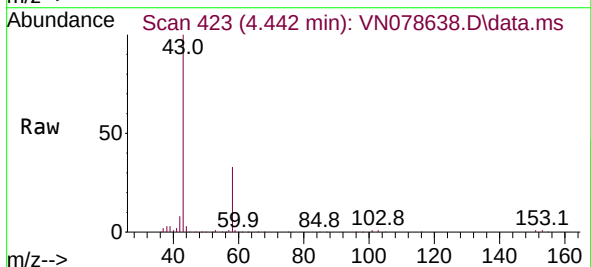
Manual Integrations  
APPROVED

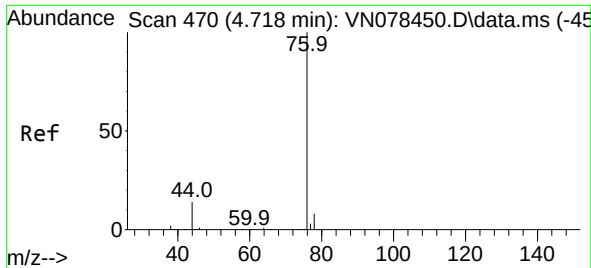
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#16  
Acetone  
Concen: 207.736 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

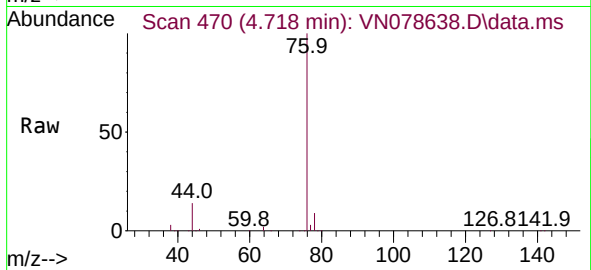
Tgt Ion: 43 Resp: 468808  
Ion Ratio Lower Upper  
43 100  
58 32.9 28.0 42.0





#17  
Carbon Disulfide  
Concen: 34.963 ug/l  
RT: 4.718 min Scan# 470  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

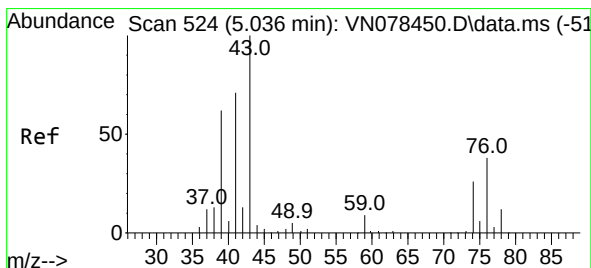
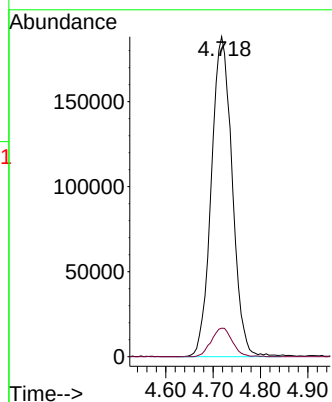
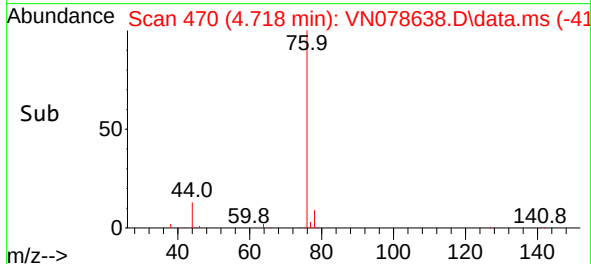
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



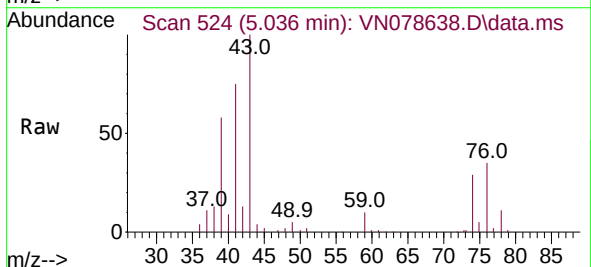
Tgt Ion: 76 Resp: 576512  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0

Manual Integrations  
APPROVED

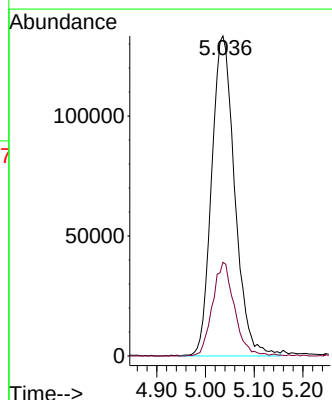
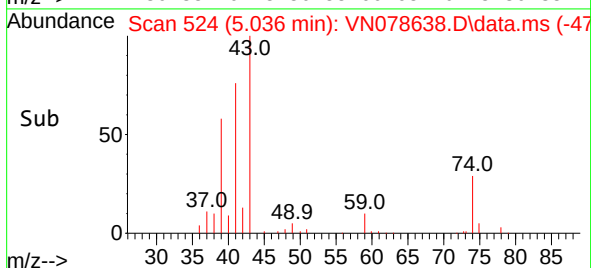
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

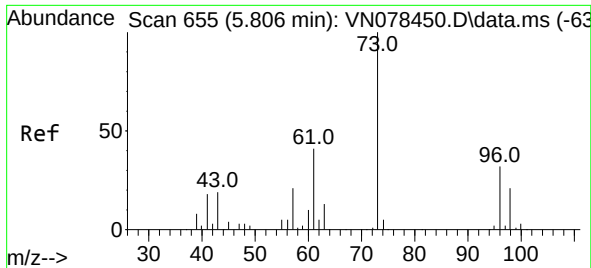


#18  
Methyl Acetate  
Concen: 46.000 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



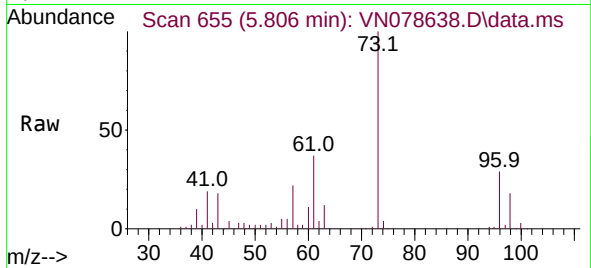
Tgt Ion: 43 Resp: 439446  
Ion Ratio Lower Upper  
43 100  
74 27.7 26.2 39.4





#19  
Methyl tert-butyl Ether  
Concen: 48.116 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

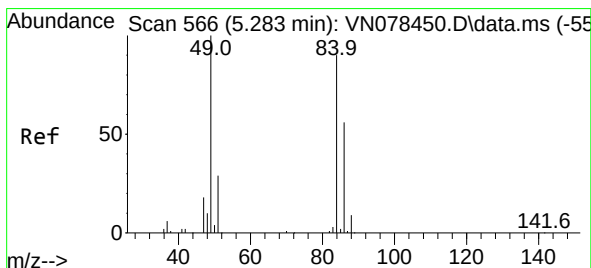
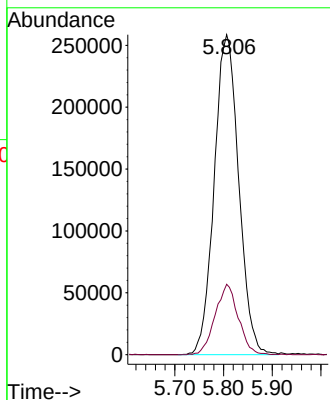
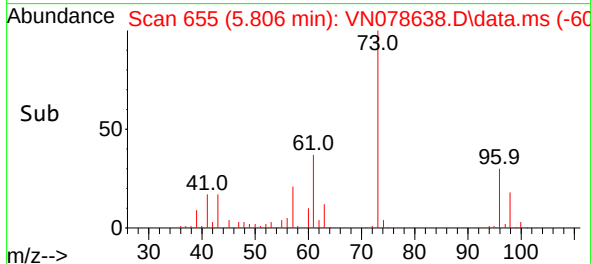
Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDCCC050EC



Tgt Ion: 73 Resp: 90400  
Ion Ratio Lower Upper  
73 100  
57 22.0 15.6 23.4

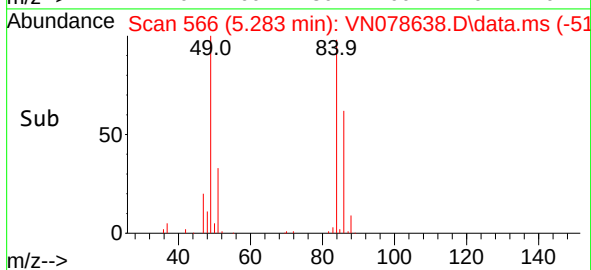
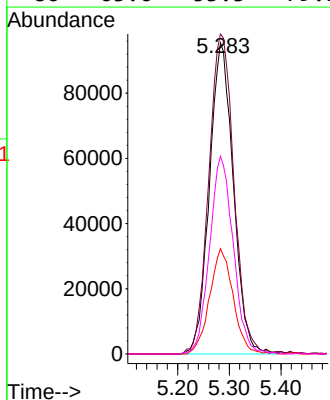
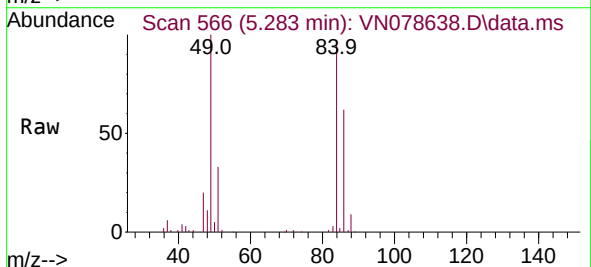
Manual Integrations  
APPROVED

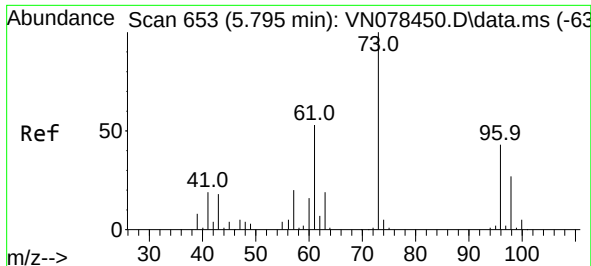
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#20  
Methylene Chloride  
Concen: 47.347 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

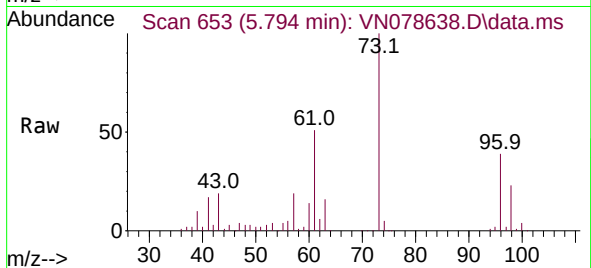
Tgt Ion: 84 Resp: 306909  
Ion Ratio Lower Upper  
84 100  
49 102.9 79.7 119.5  
51 33.9 25.2 37.8  
86 63.6 53.3 79.9





#21  
trans-1,2-Dichloroethene  
Concen: 43.078 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

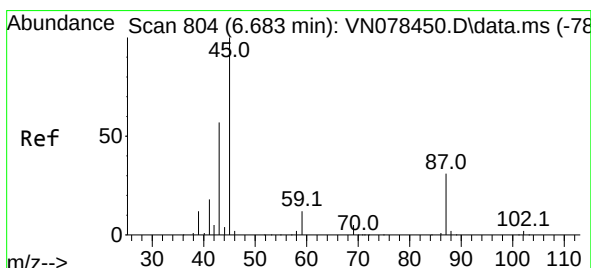
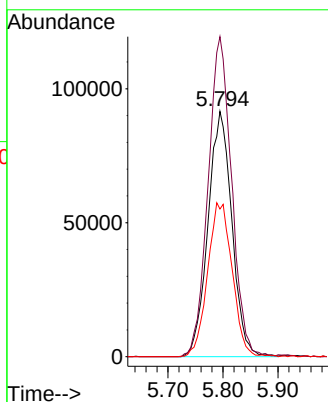
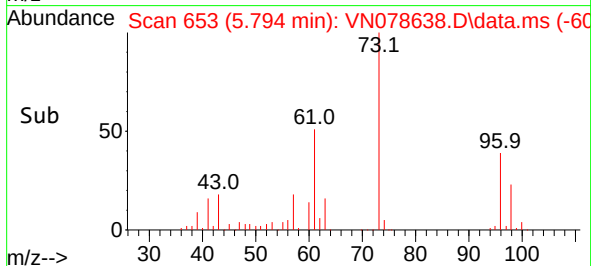
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



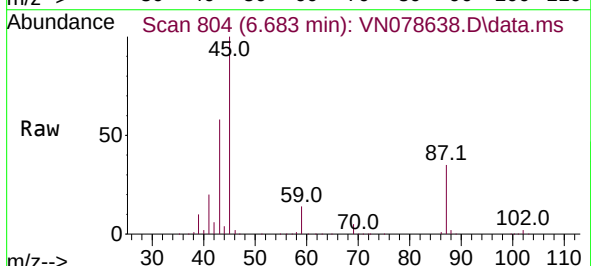
Tgt Ion: 96 Resp: 27681  
Ion Ratio Lower Upper  
96 100  
61 130.4 90.1 135.1  
98 60.2 46.4 69.6

Manual Integrations  
APPROVED

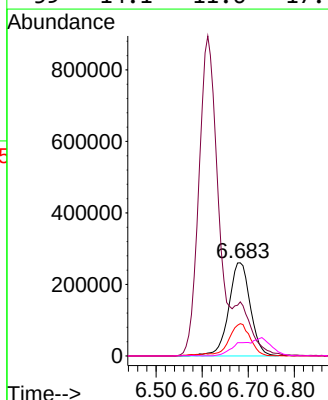
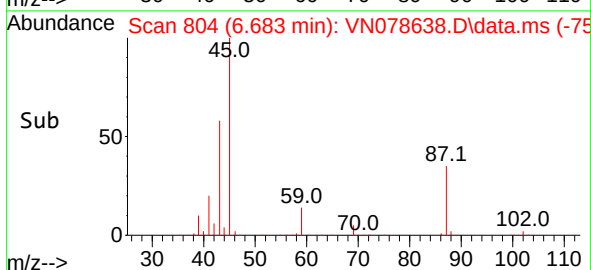
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

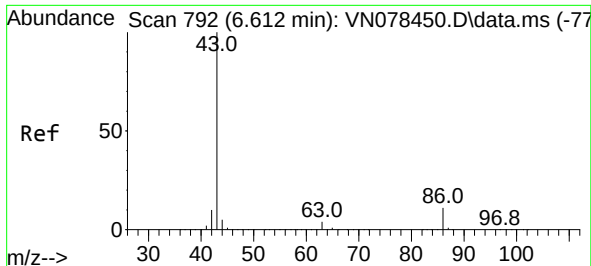


#22  
Diisopropyl ether  
Concen: 48.621 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



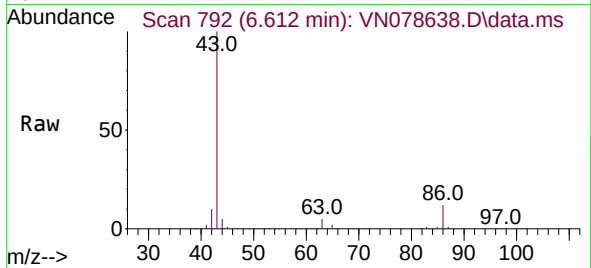
Tgt Ion: 45 Resp: 848291  
Ion Ratio Lower Upper  
45 100  
43 57.7 45.5 68.3  
87 34.5 31.8 47.8  
59 14.1 11.6 17.4





#23  
 Vinyl Acetate  
 Concen: 232.256 ug/l  
 RT: 6.612 min Scan# 792  
 Delta R.T. 0.000 min  
 Lab File: VN078638.D  
 Acq: 24 Jul 2023 17:11

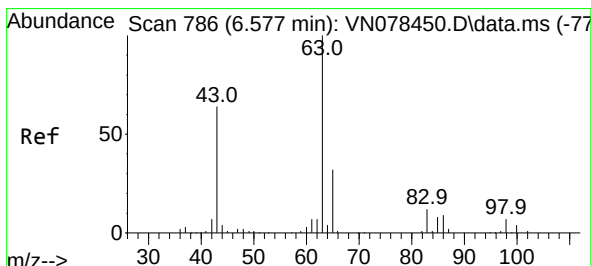
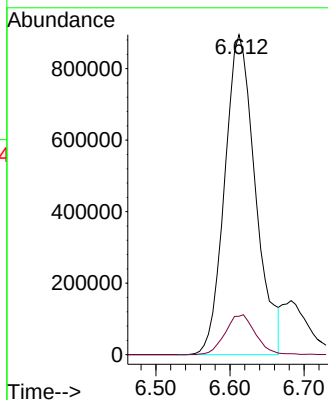
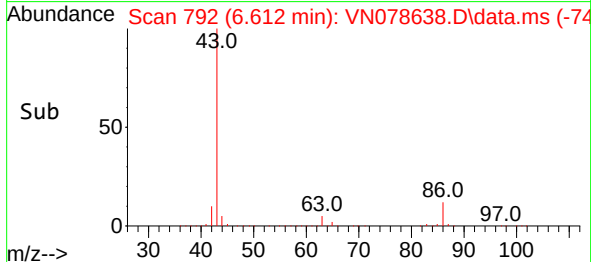
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



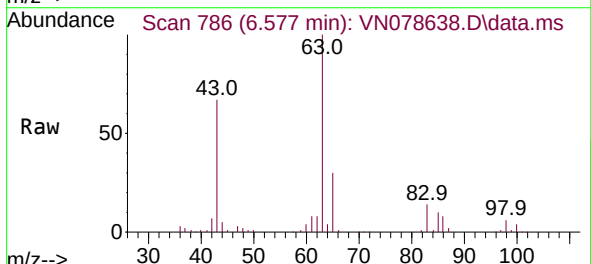
Tgt Ion: 43 Resp: 257613  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 13.0 19.6

Manual Integrations  
 APPROVED

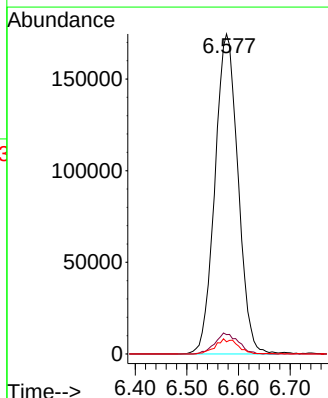
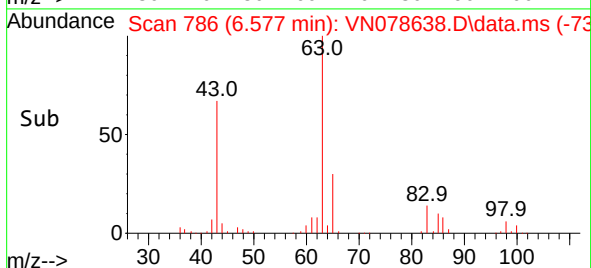
Reviewed By :John Carlone 07/25/2023  
 Supervised By :Mahesh Dadoda 07/25/2023



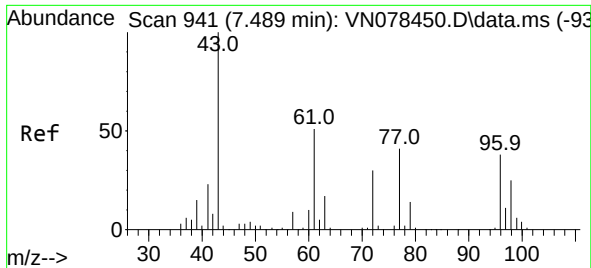
#24  
 1,1-Dichloroethane  
 Concen: 46.041 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. -0.000 min  
 Lab File: VN078638.D  
 Acq: 24 Jul 2023 17:11



Tgt Ion: 63 Resp: 541283  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.9 11.7  
 100 3.8 2.5 7.4

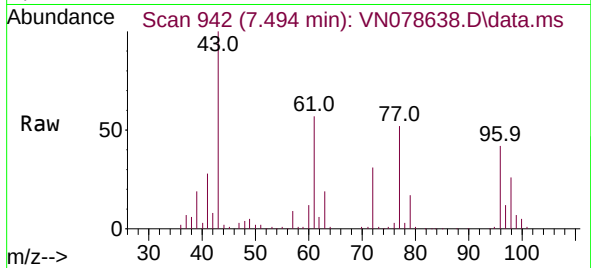






#25  
2-Butanone  
Concen: 225.362 ug/l  
RT: 7.494 min Scan# 941  
Delta R.T. 0.005 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

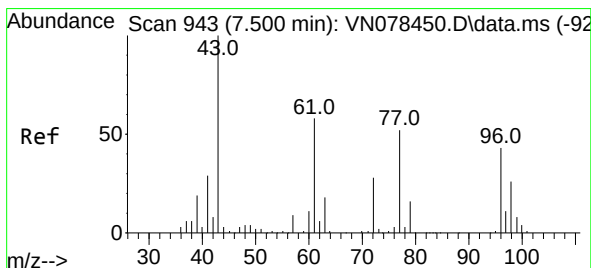
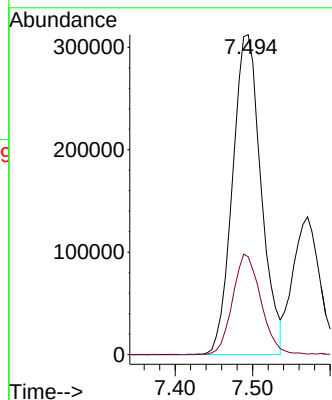
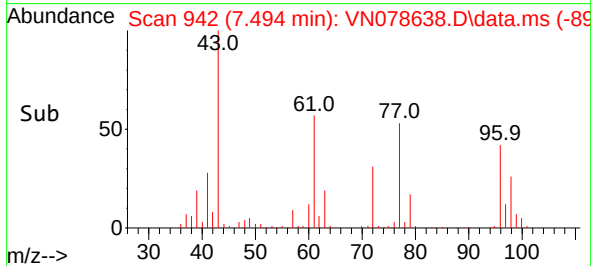
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 80058  
Ion Ratio Lower Upper  
43 100  
72 30.6 30.2 45.2

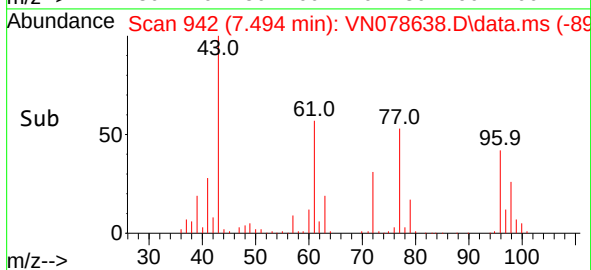
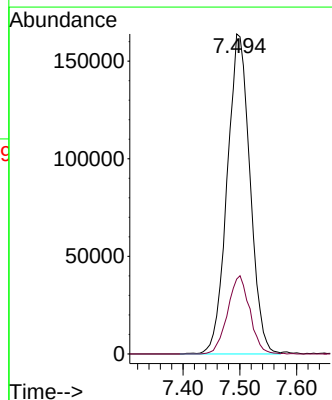
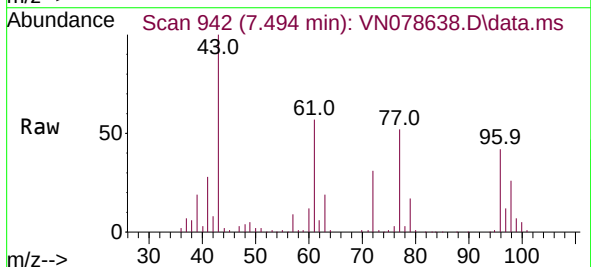
Manual Integrations  
APPROVED

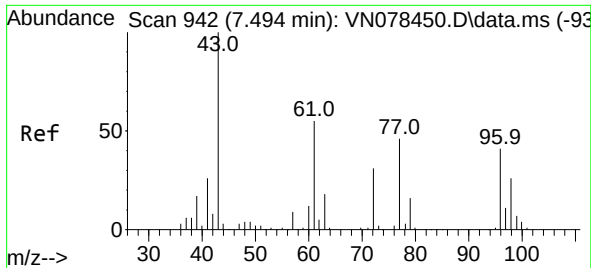
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#26  
2,2-Dichloropropane  
Concen: 47.559 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

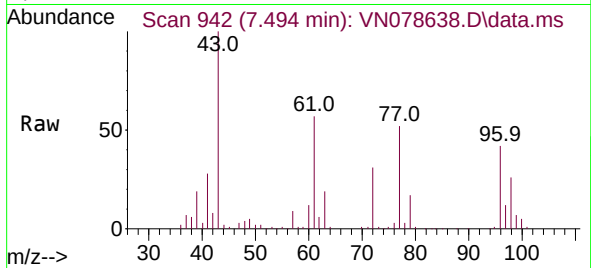
Tgt Ion: 77 Resp: 457303  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.2 33.6





#27  
 cis-1,2-Dichloroethene  
 Concen: 46.778 ug/l  
 RT: 7.494 min Scan# 942  
 Delta R.T. 0.000 min  
 Lab File: VN078638.D  
 Acq: 24 Jul 2023 17:11

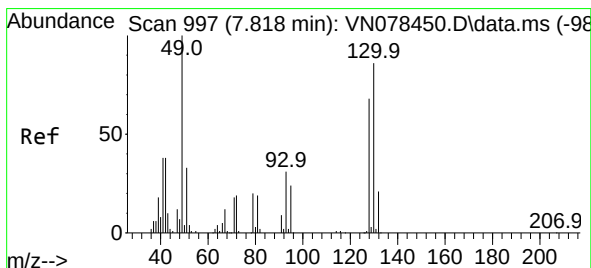
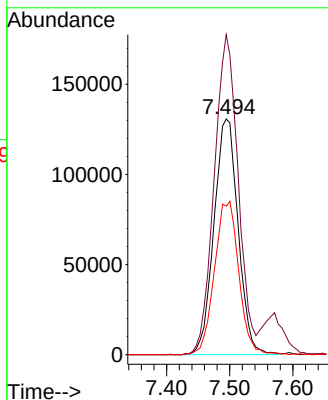
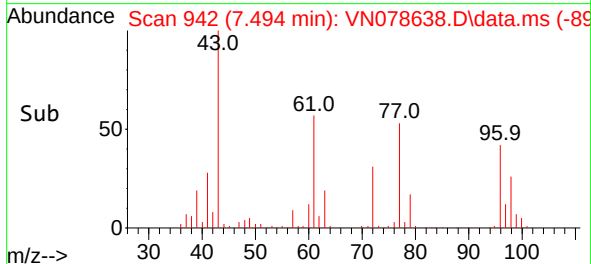
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



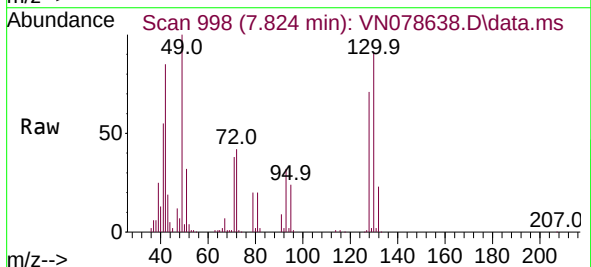
Tgt Ion: 96 Resp: 347729  
 Ion Ratio Lower Upper  
 96 100  
 61 134.6 0.0 255.2  
 98 65.7 0.0 128.8

Manual Integrations  
 APPROVED

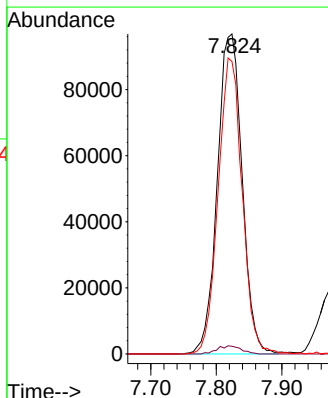
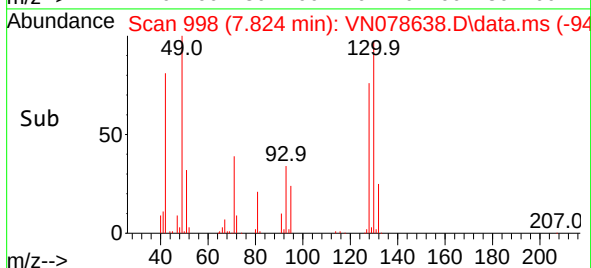
Reviewed By :John Carlone 07/25/2023  
 Supervised By :Mahesh Dadoda 07/25/2023

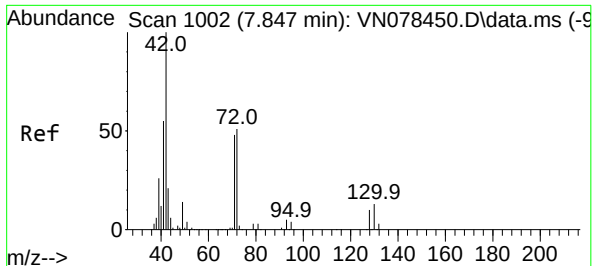


#28  
 Bromochloromethane  
 Concen: 45.853 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. 0.006 min  
 Lab File: VN078638.D  
 Acq: 24 Jul 2023 17:11



Tgt Ion: 49 Resp: 253903  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 4.8  
 130 89.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 218.336 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

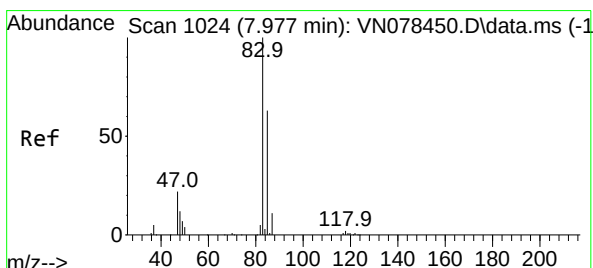
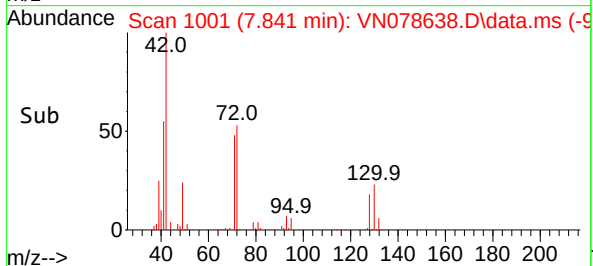
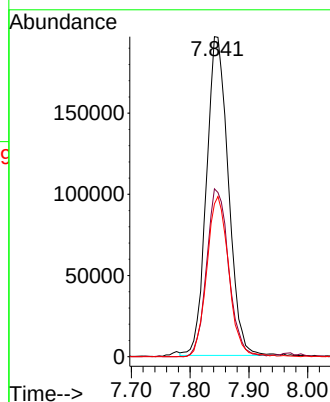
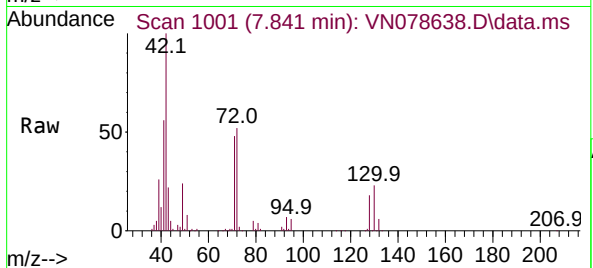
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 508939 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 72        | 53.1  | 49.8  | 74.6   |
| 71        | 50.3  | 47.4  | 71.2   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 47.792 ug/l

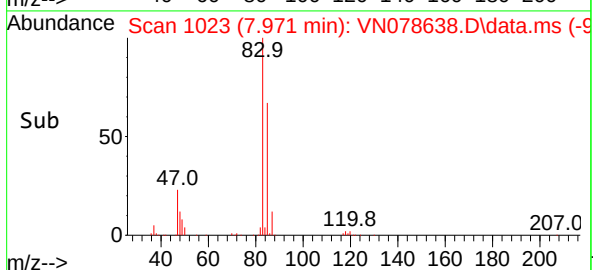
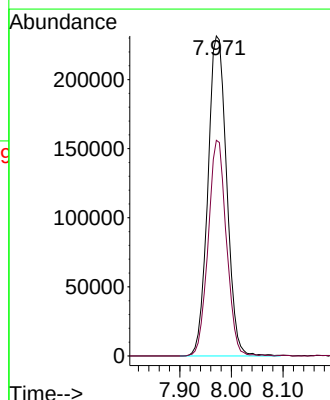
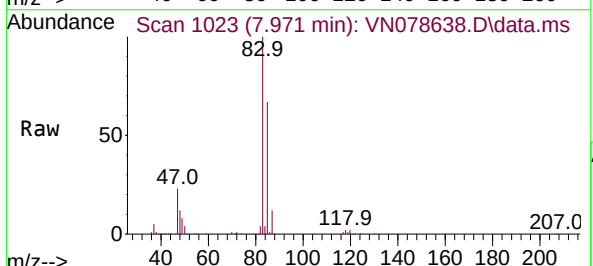
RT: 7.971 min Scan# 1023

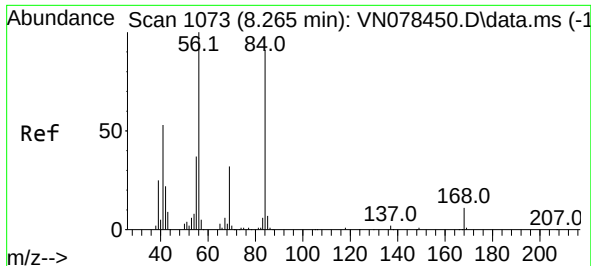
Delta R.T. -0.006 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

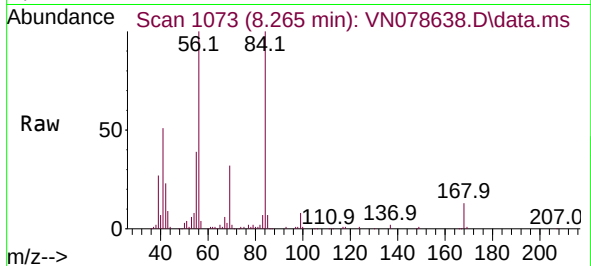
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 584964 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 67.4  | 55.4  | 83.0   |





#31  
Cyclohexane  
Concen: 38.549 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

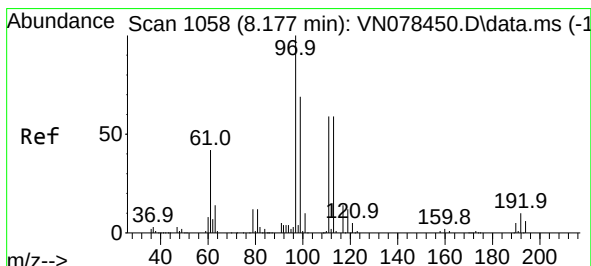
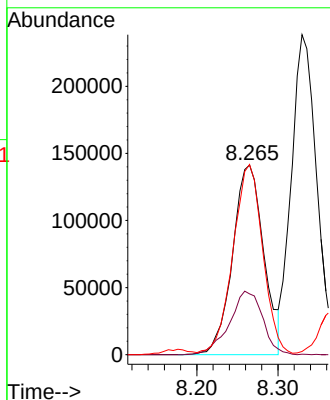
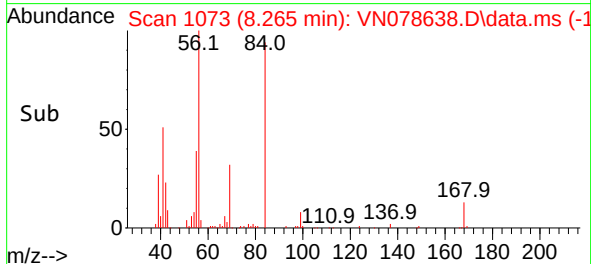
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



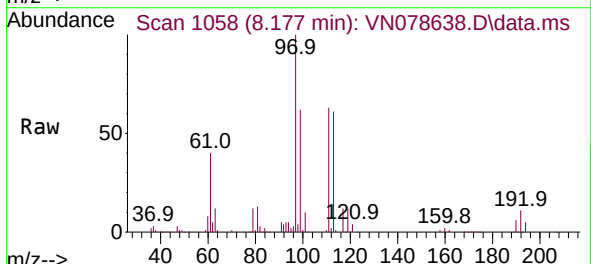
Tgt Ion: 56 Resp: 377434  
Ion Ratio Lower Upper  
56 100  
69 32.1 26.8 40.2  
84 97.6 81.8 122.6

Manual Integrations  
APPROVED

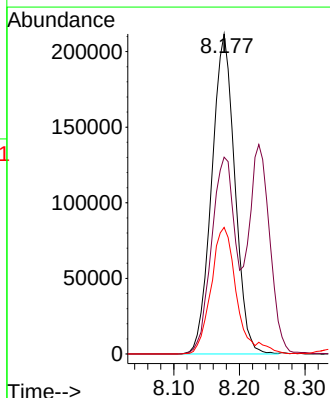
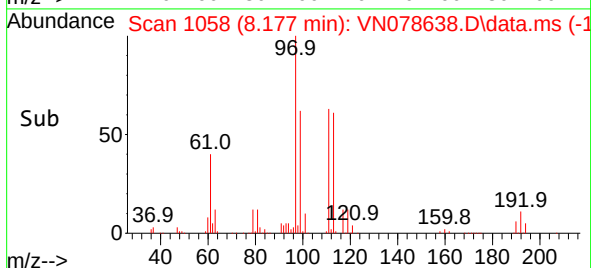
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

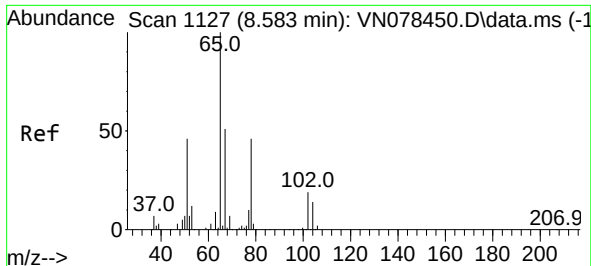


#32  
1,1,1-Trichloroethane  
Concen: 47.182 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



Tgt Ion: 97 Resp: 517765  
Ion Ratio Lower Upper  
97 100  
99 62.2 50.3 75.5  
61 43.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.026 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 340690

Ion Ratio Lower Upper

65 100

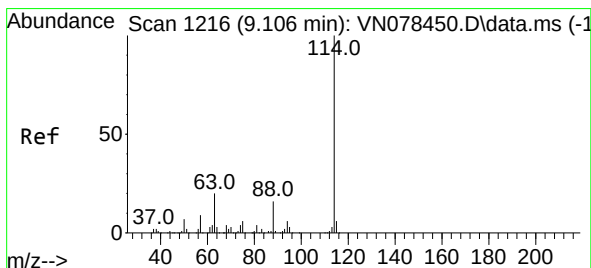
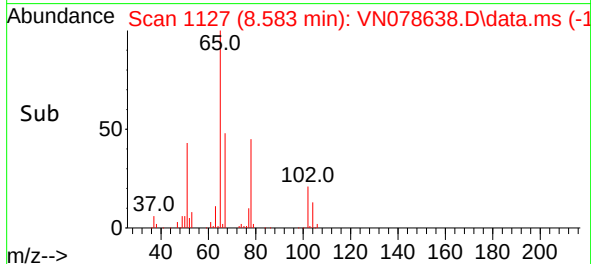
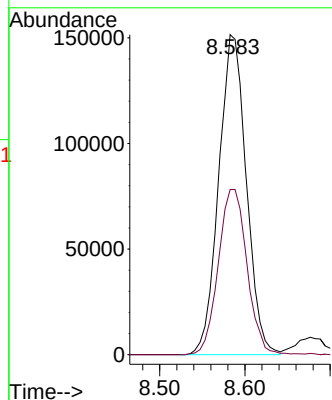
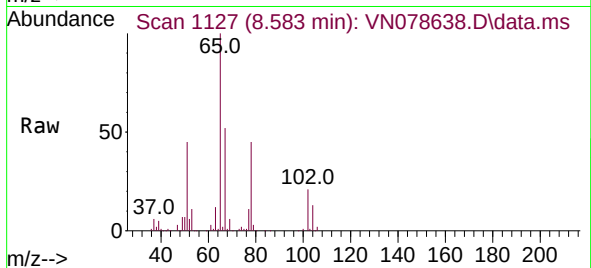
67 53.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

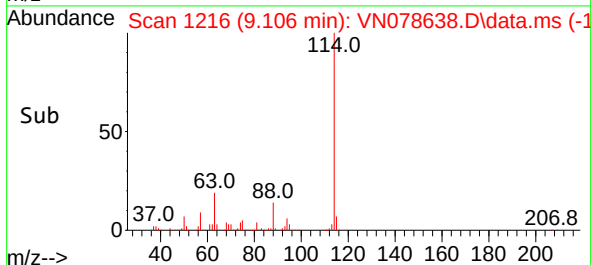
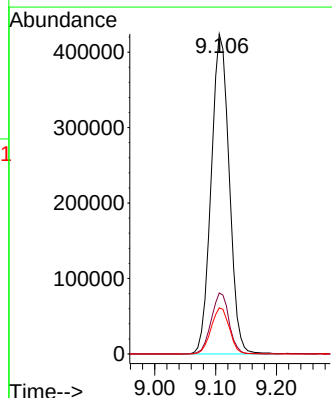
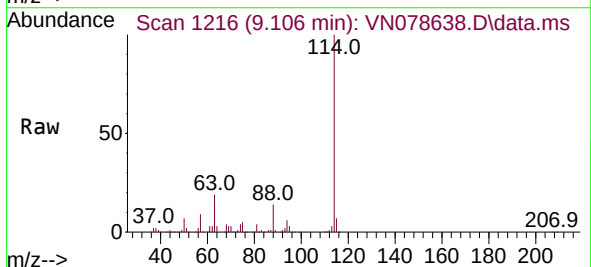
Tgt Ion:114 Resp: 872638

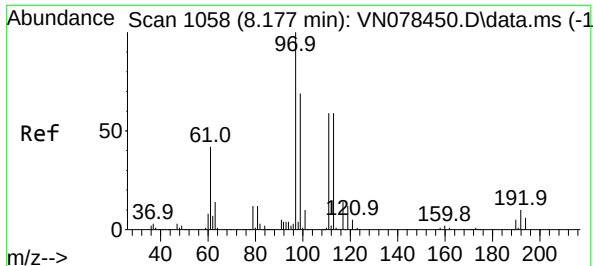
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.042 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 308280

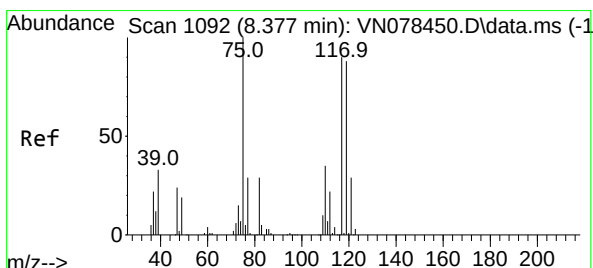
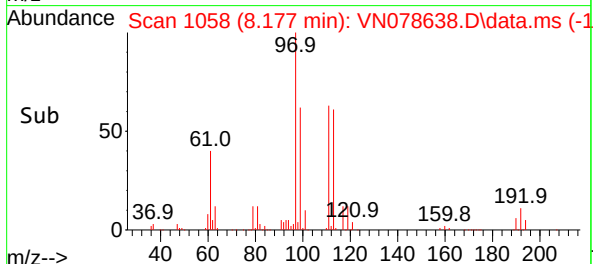
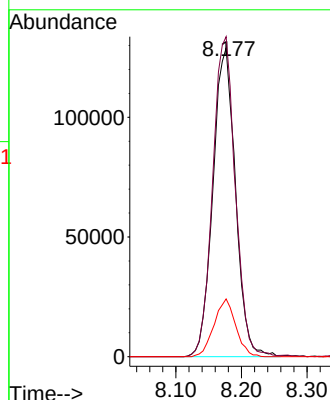
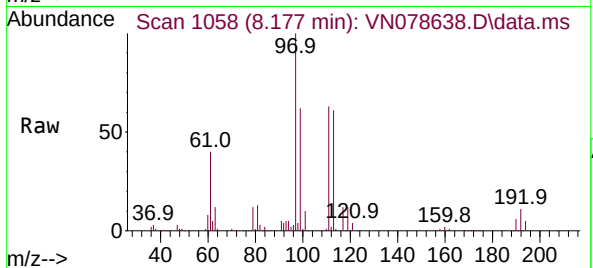
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.7 | 82.6  | 123.8 |
| 192 | 18.0  | 12.7  | 19.1  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#36

1,1-Dichloropropene

Concen: 46.590 ug/l

RT: 8.377 min Scan# 1092

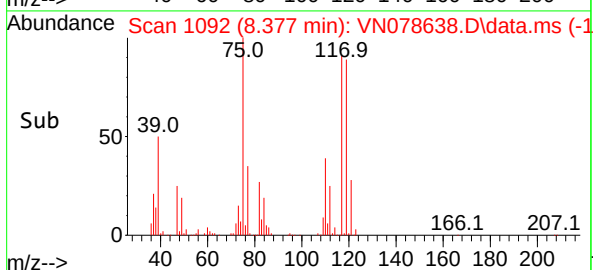
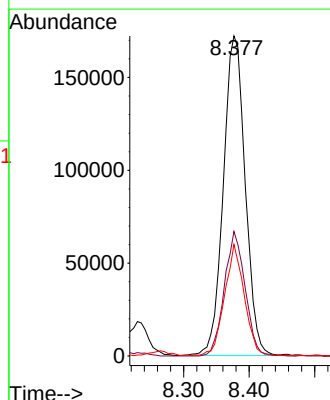
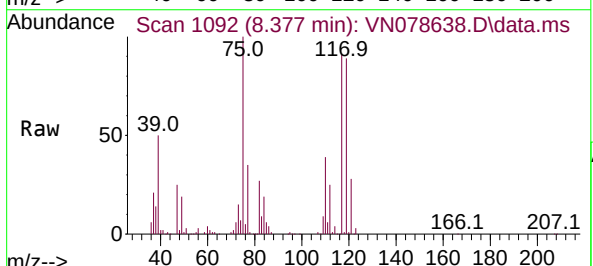
Delta R.T. -0.000 min

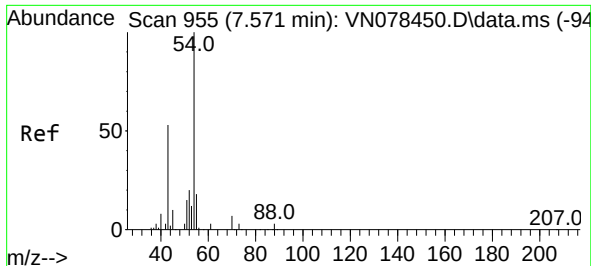
Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Tgt Ion: 75 Resp: 398496

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 36.9  | 19.1  | 57.3  |
| 77  | 31.9  | 25.0  | 37.4  |





#37

Ethyl Acetate

Concen: 46.788 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078638.D

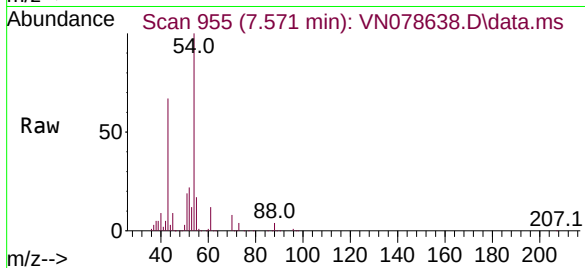
Acq: 24 Jul 2023 17:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



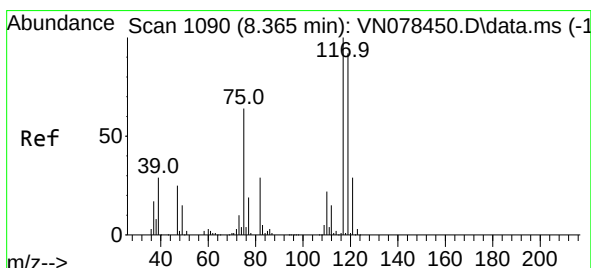
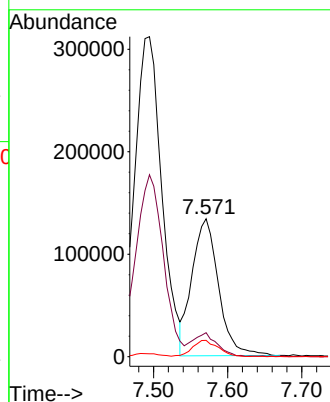
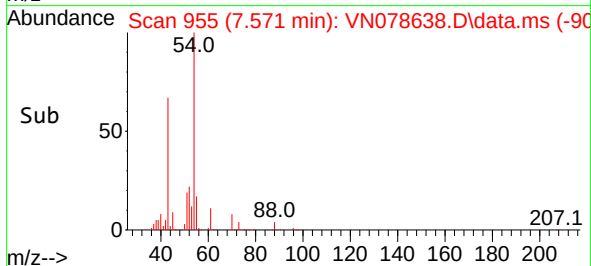
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 333609 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 15.6  | 13.2  | 19.8   |
| 70       | 11.6  | 11.3  | 16.9   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#38

Carbon Tetrachloride

Concen: 48.797 ug/l

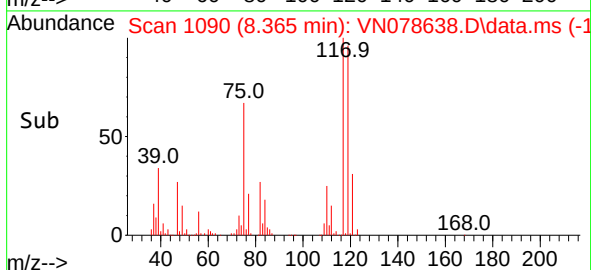
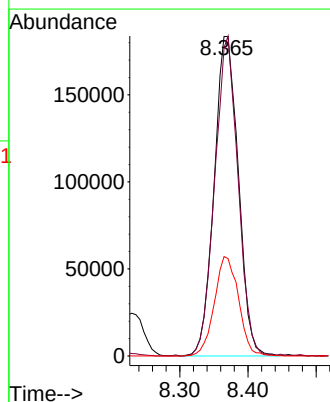
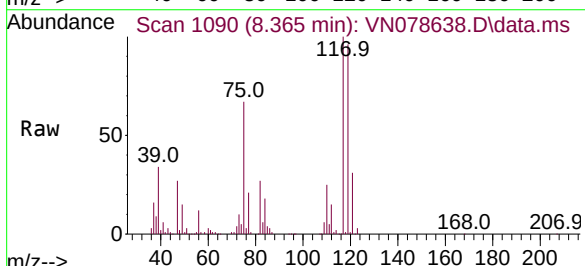
RT: 8.365 min Scan# 1090

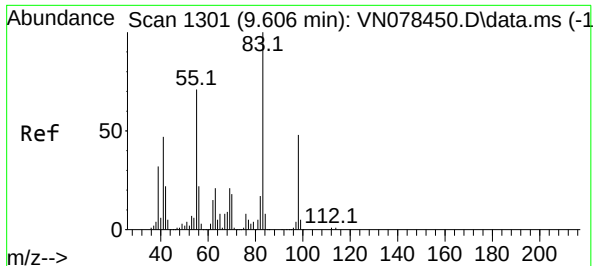
Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 453624 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.4  | 77.3  | 115.9  |
| 121      | 31.1  | 23.3  | 34.9   |





#39

Methylcyclohexane

Concen: 46.584 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 36370

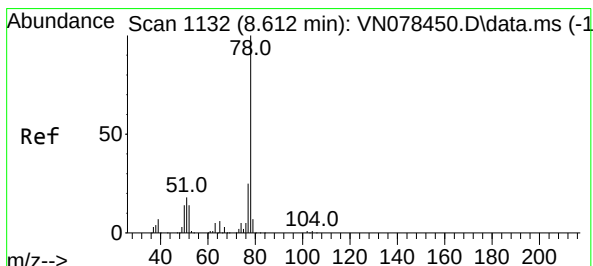
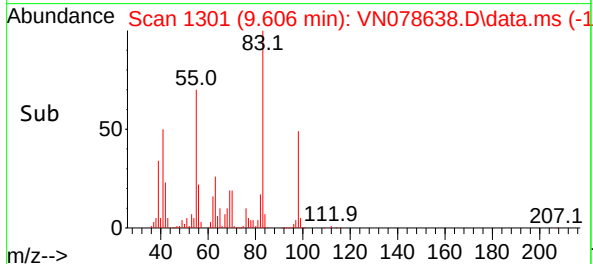
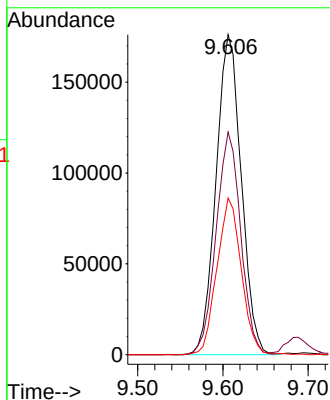
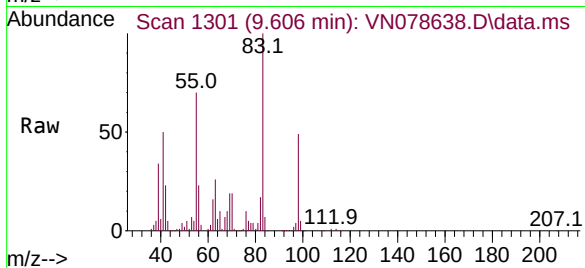
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 69.5  | 49.1  | 73.7  |
| 98  | 48.9  | 40.6  | 61.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#40

Benzene

Concen: 49.583 ug/l

RT: 8.612 min Scan# 1132

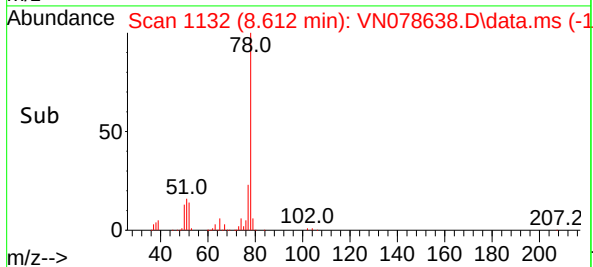
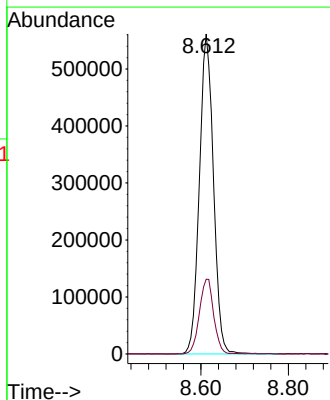
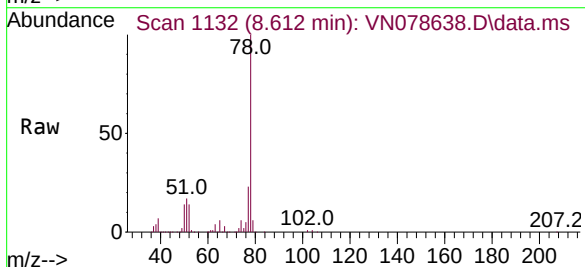
Delta R.T. -0.000 min

Lab File: VN078638.D

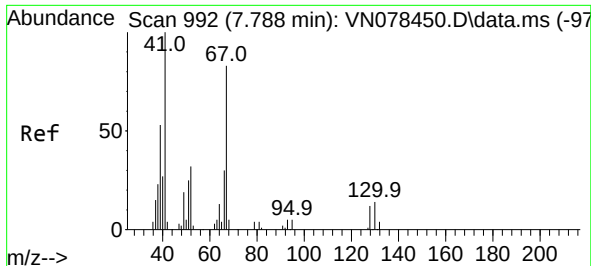
Acq: 24 Jul 2023 17:11

Tgt Ion: 78 Resp: 1256427

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.3  | 19.0  | 28.6  |

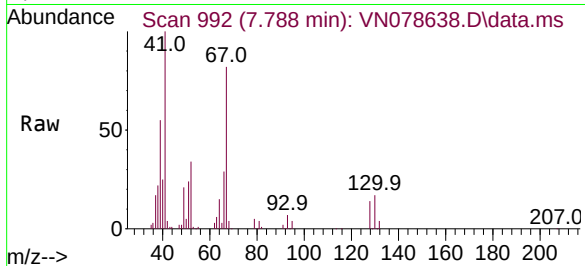






#41  
Methacrylonitrile  
Concen: 49.699 ug/l  
RT: 7.788 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

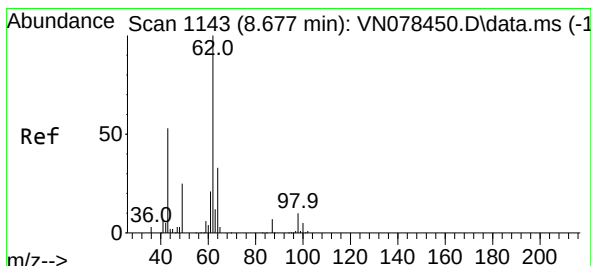
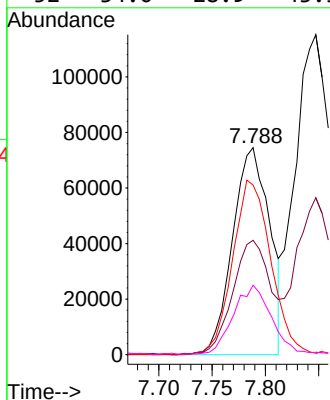
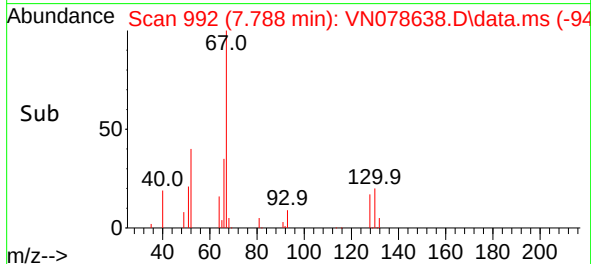
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 41 Resp: 180649  
Ion Ratio Lower Upper  
41 100  
39 55.9 42.6 64.0  
67 86.8 77.5 116.3  
52 34.0 28.9 43.3

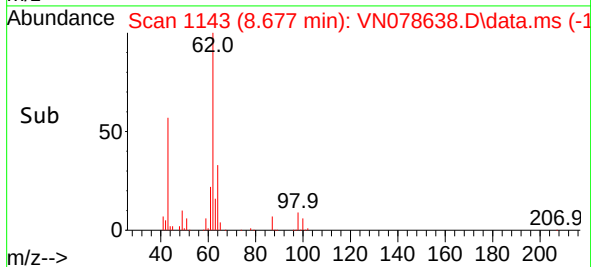
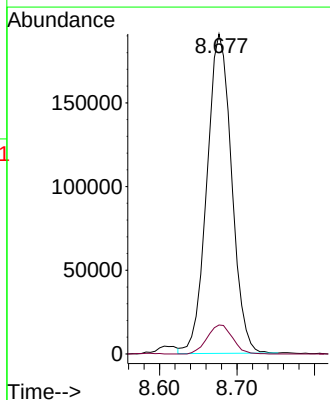
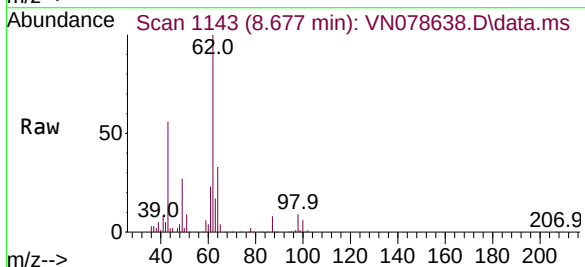
Manual Integrations  
APPROVED

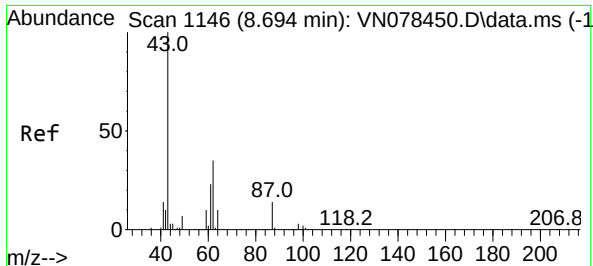
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#42  
1,2-Dichloroethane  
Concen: 49.090 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

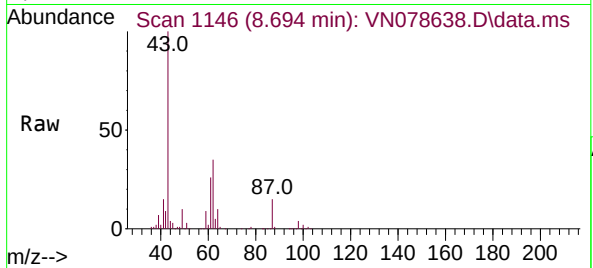
Tgt Ion: 62 Resp: 423110  
Ion Ratio Lower Upper  
62 100  
98 9.3 0.0 19.8





#43  
Isopropyl Acetate  
Concen: 50.551 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

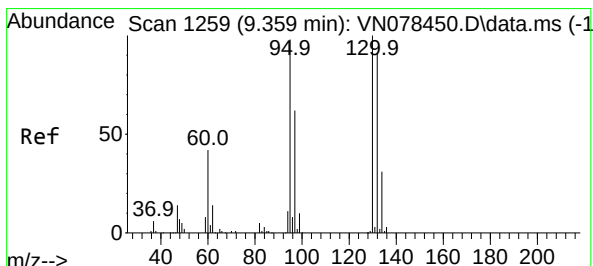
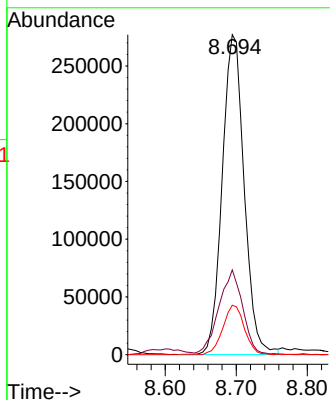
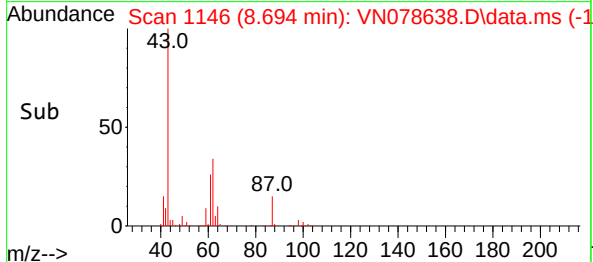
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 593425  
Ion Ratio Lower Upper  
43 100  
61 28.7 24.7 37.1  
87 15.2 14.6 21.8

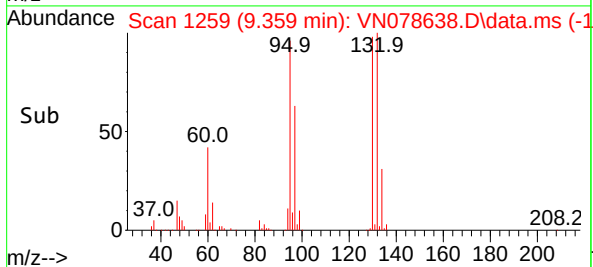
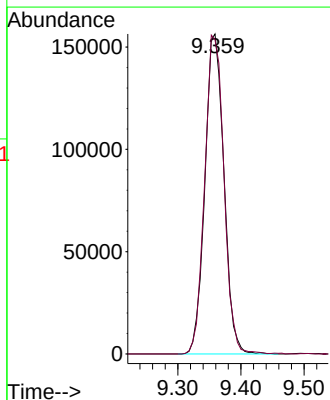
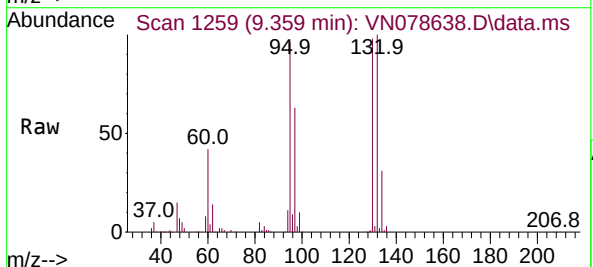
Manual Integrations  
APPROVED

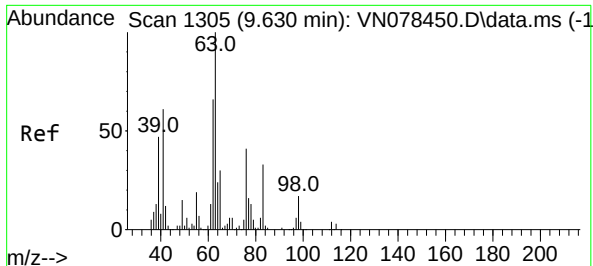
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#44  
Trichloroethene  
Concen: 47.815 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Tgt Ion:130 Resp: 326555  
Ion Ratio Lower Upper  
130 100  
95 98.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.213 ug/l

RT: 9.630 min Scan# 1319

Delta R.T. -0.001 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 322264

Ion Ratio Lower Upper

63 100

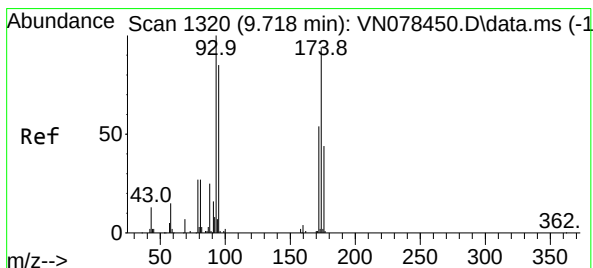
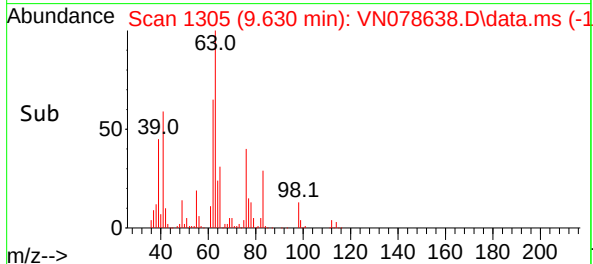
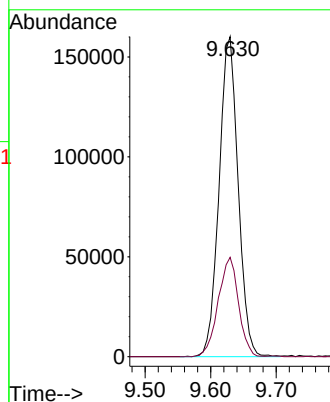
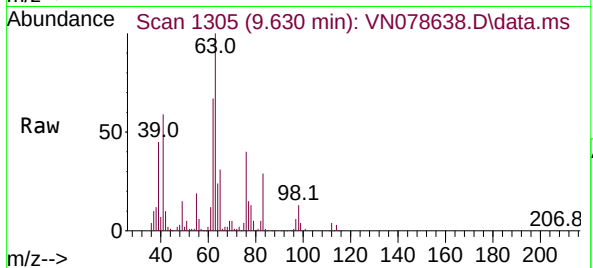
65 31.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 50.821 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

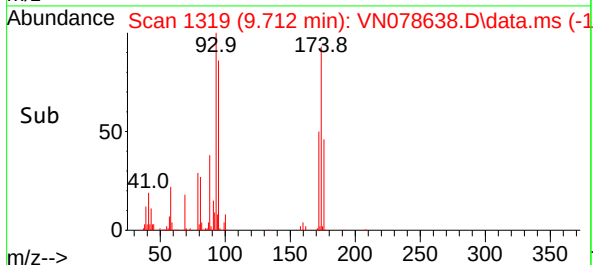
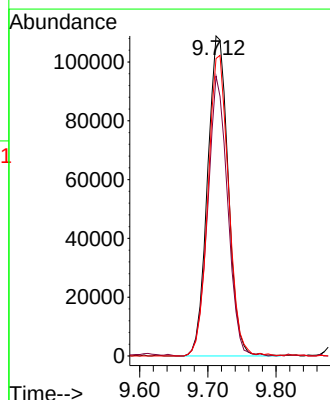
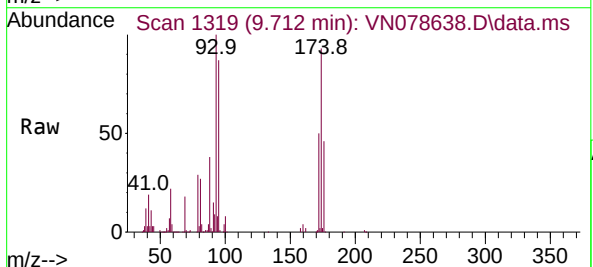
Tgt Ion: 93 Resp: 229564

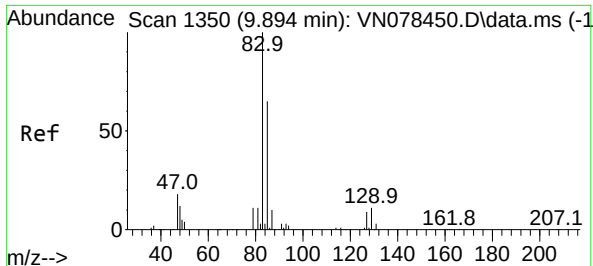
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

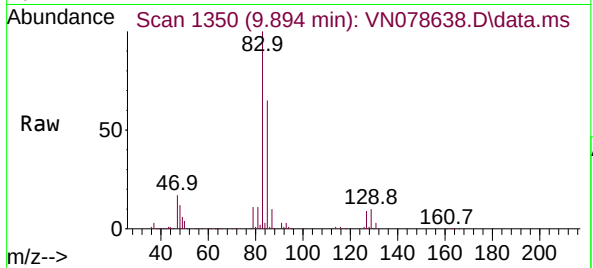
174 93.3 65.6 98.4





#47  
Bromodichloromethane  
Concen: 52.682 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

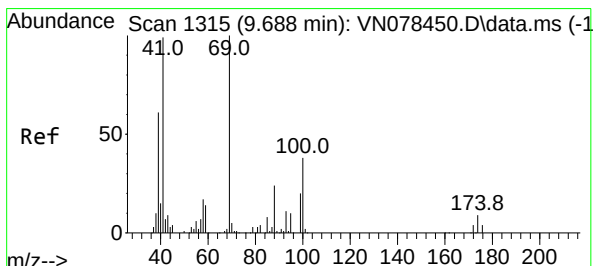
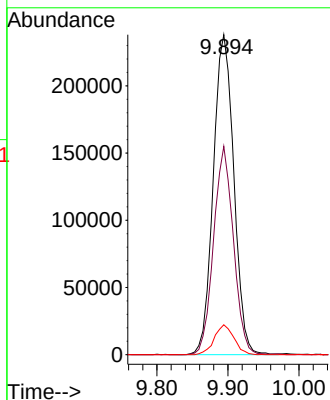
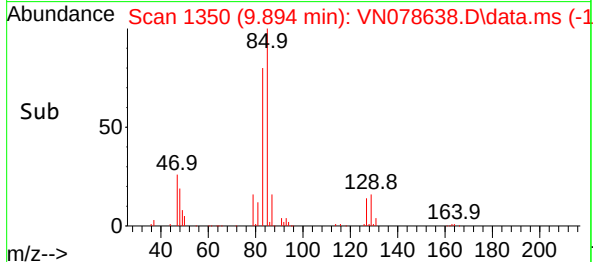
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 83 Resp: 477030  
Ion Ratio Lower Upper  
83 100  
85 65.1 49.6 74.4  
127 9.3 7.0 10.6

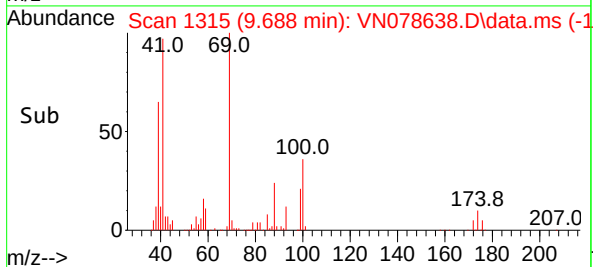
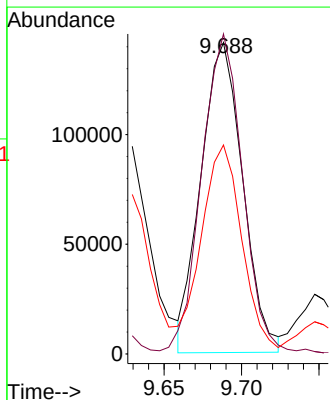
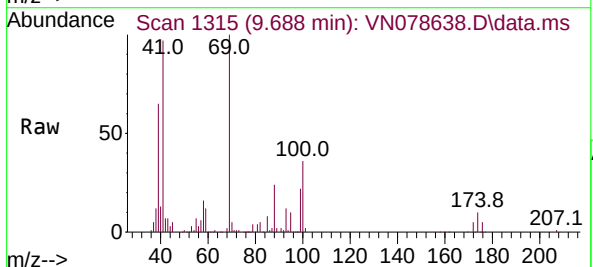
Manual Integrations  
APPROVED

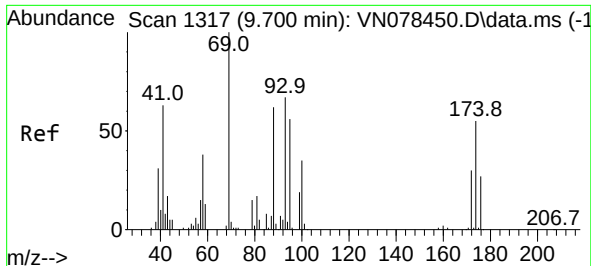
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#48  
Methyl methacrylate  
Concen: 48.611 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Tgt Ion: 41 Resp: 264372  
Ion Ratio Lower Upper  
41 100  
69 101.4 90.4 135.6  
39 67.2 54.6 81.8





#49

1,4-Dioxane

Concen: 980.349 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 116274

Ion Ratio Lower Upper

88 100

43 22.7 17.0 25.6

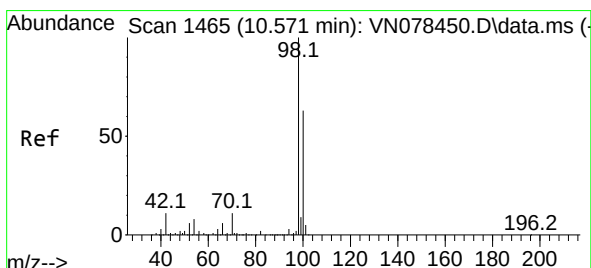
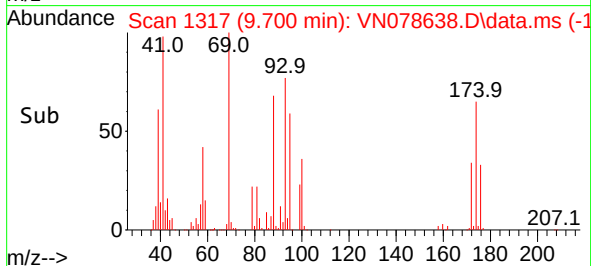
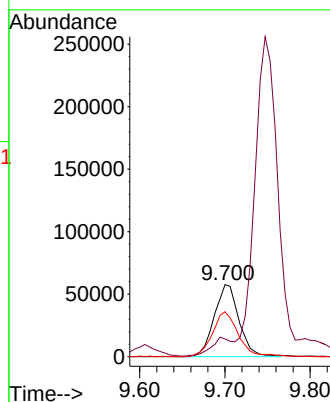
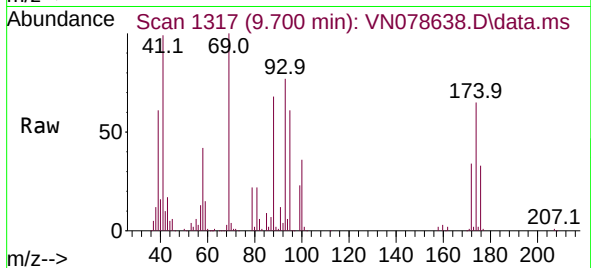
58 65.7 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#50

Toluene-d8

Concen: 50.245 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078638.D

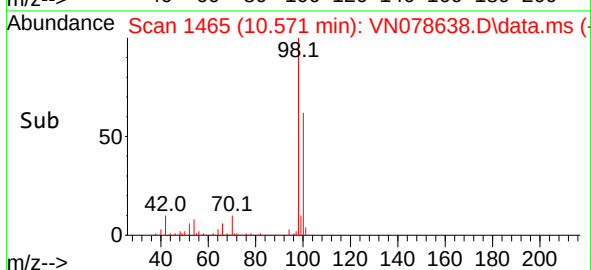
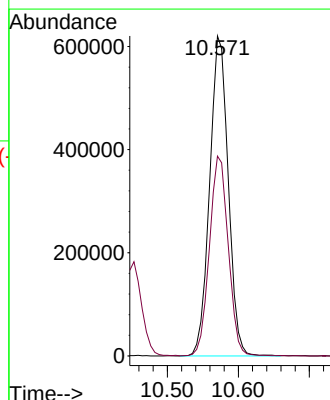
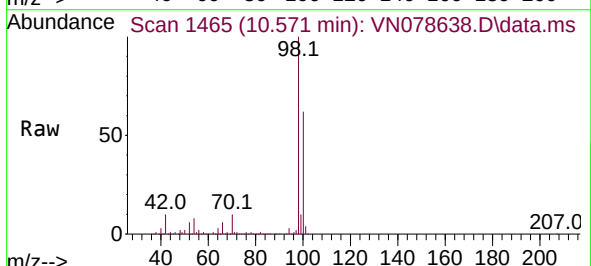
Acq: 24 Jul 2023 17:11

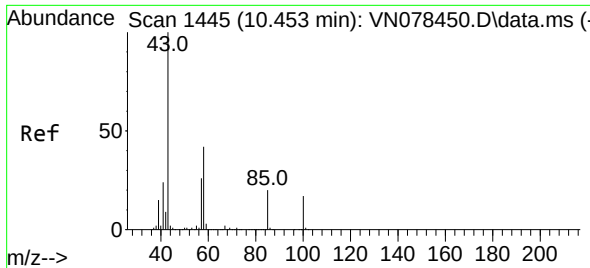
Tgt Ion: 98 Resp: 1124385

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0





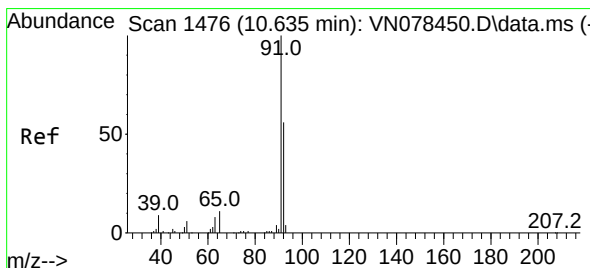
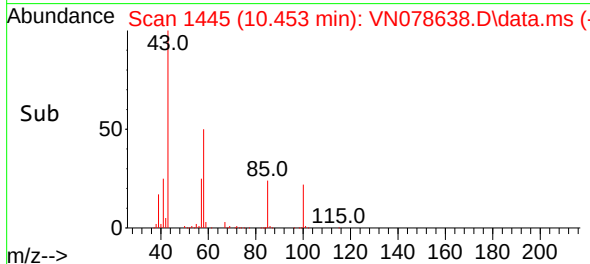
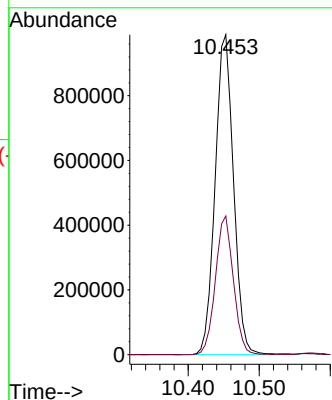
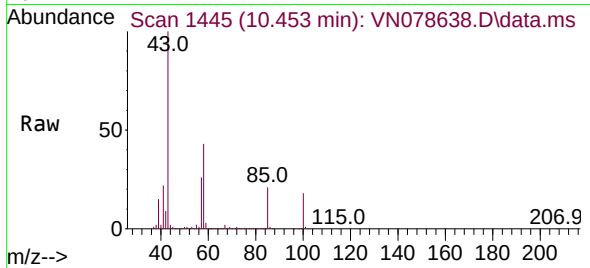
#51  
4-Methyl-2-Pentanone  
Concen: 253.721 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 177160  
Ion Ratio Lower Upper  
43 100  
58 42.4 36.6 54.8

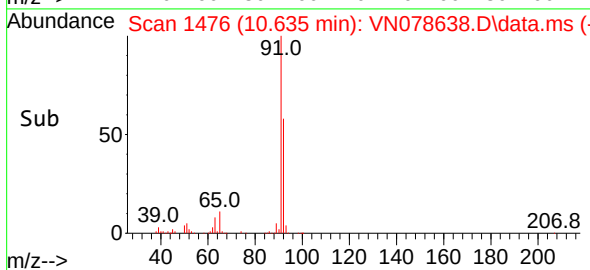
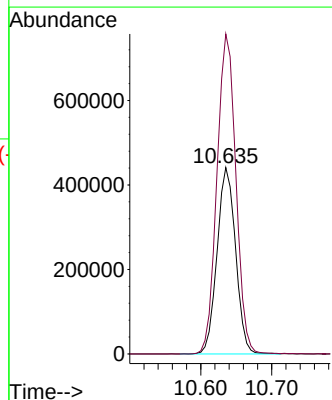
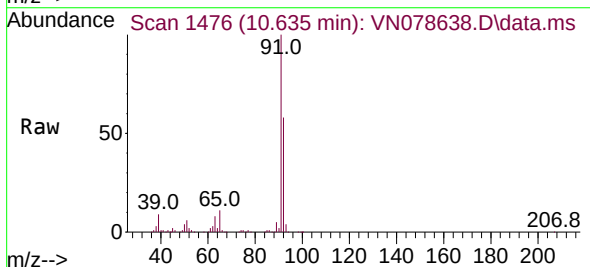
Manual Integrations  
APPROVED

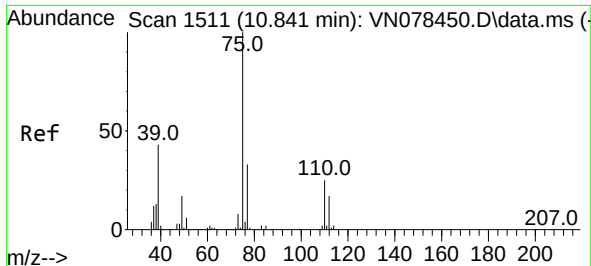
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#52  
Toluene  
Concen: 50.695 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Tgt Ion: 92 Resp: 796172  
Ion Ratio Lower Upper  
92 100  
91 176.0 137.4 206.0





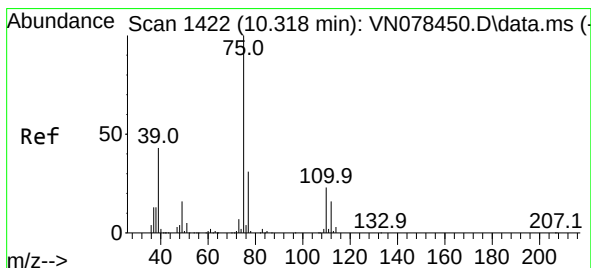
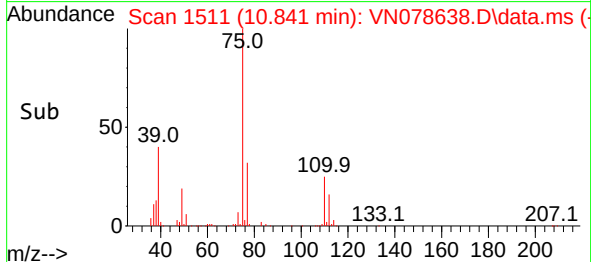
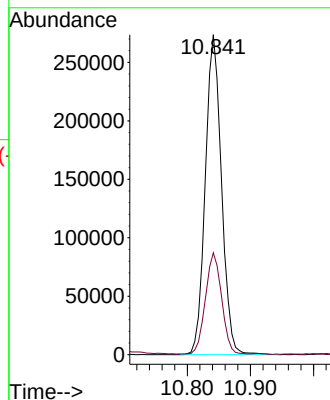
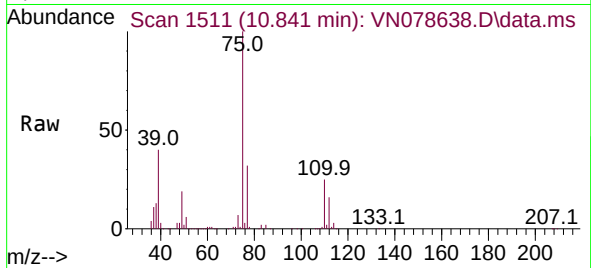
#53  
 t-1,3-Dichloropropene  
 Concen: 52.605 ug/l  
 RT: 10.841 min Scan# 1511  
 Delta R.T. 0.000 min  
 Lab File: VN078638.D  
 Acq: 24 Jul 2023 17:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 75 Resp: 487989  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.4 38.0

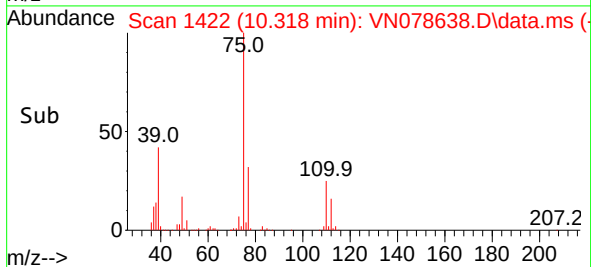
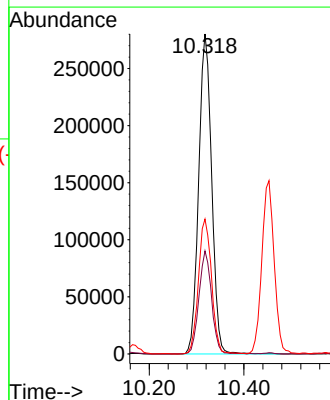
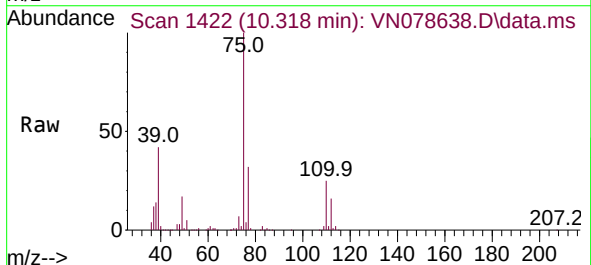
Manual Integrations  
 APPROVED

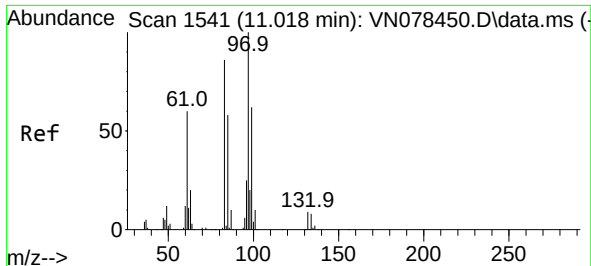
Reviewed By :John Carlone 07/25/2023  
 Supervised By :Mahesh Dadoda 07/25/2023



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.835 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. -0.000 min  
 Lab File: VN078638.D  
 Acq: 24 Jul 2023 17:11

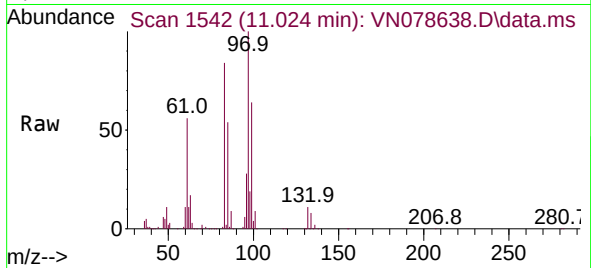
Tgt Ion: 75 Resp: 532332  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 26.1 39.1  
 39 42.1 31.6 47.4





#55  
1,1,2-Trichloroethane  
Concen: 53.147 ug/l  
RT: 11.024 min Scan# 1542  
Delta R.T. 0.006 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

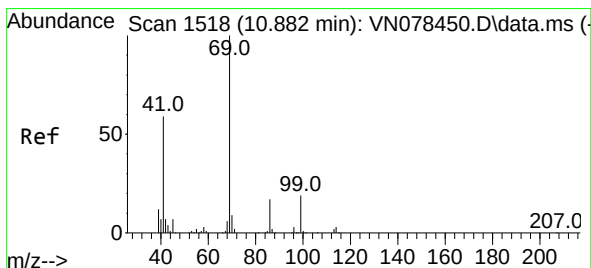
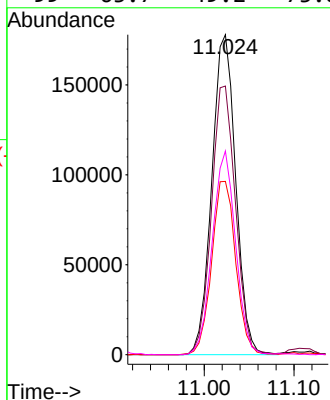
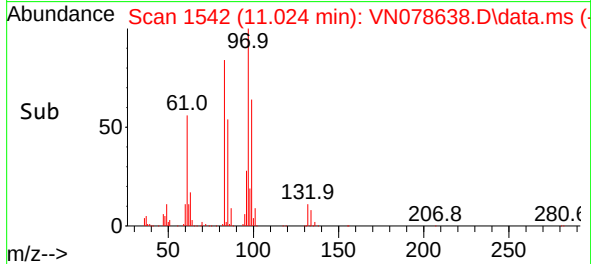
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 97 Resp: 32885  
Ion Ratio Lower Upper  
97 100  
83 84.0 65.1 97.7  
85 54.2 43.4 65.2  
99 63.7 49.2 73.8

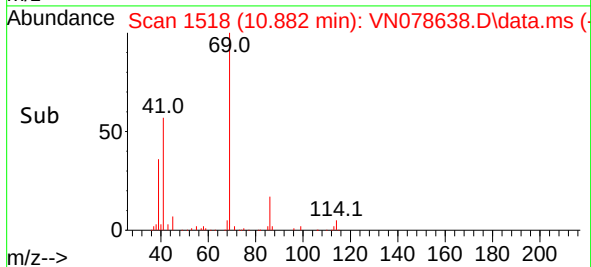
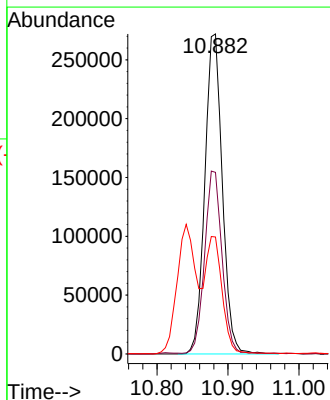
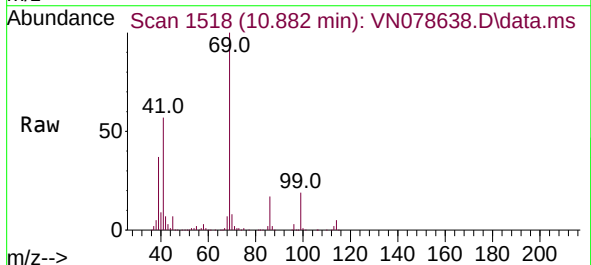
Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

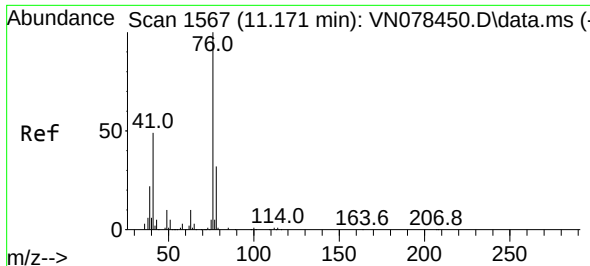


#56  
Ethyl methacrylate  
Concen: 53.888 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Tgt Ion: 69 Resp: 466119  
Ion Ratio Lower Upper  
69 100  
41 56.7 39.6 59.4  
39 36.5 28.6 43.0







#57

1,3-Dichloropropane

Concen: 51.030 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 536890

Ion Ratio Lower Upper

76 100

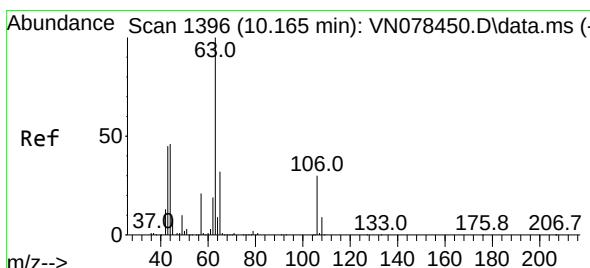
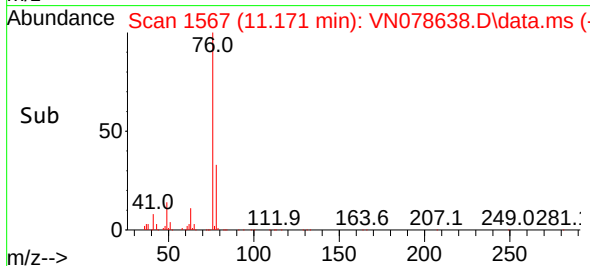
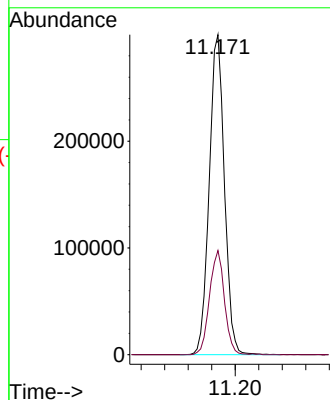
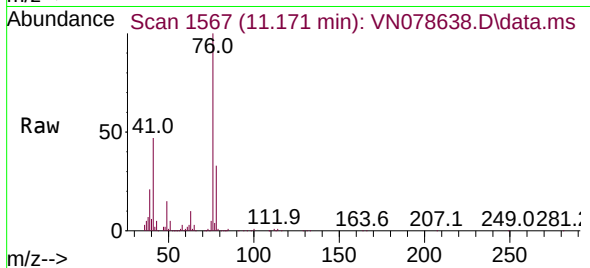
78 31.9 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 262.845 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078638.D

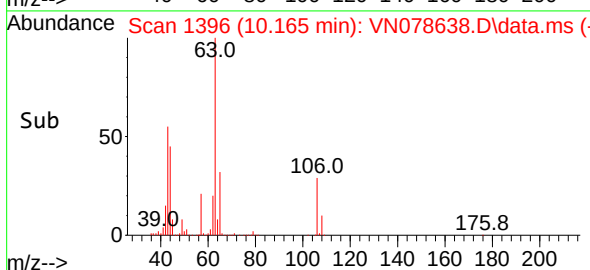
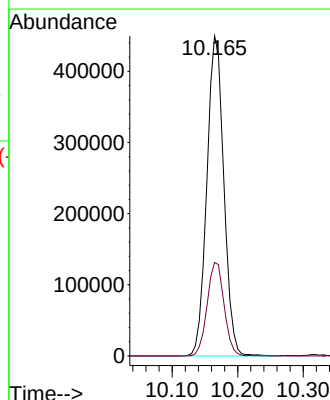
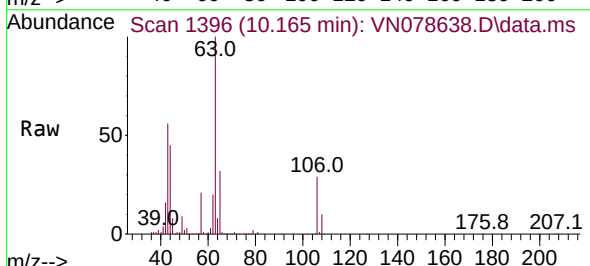
Acq: 24 Jul 2023 17:11

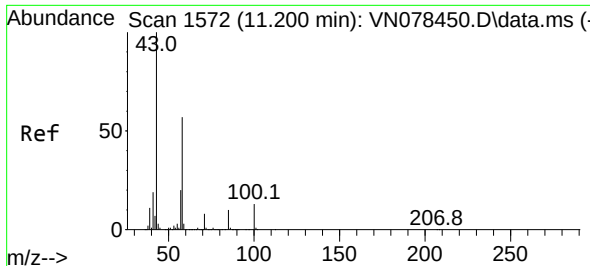
Tgt Ion: 63 Resp: 810232

Ion Ratio Lower Upper

63 100

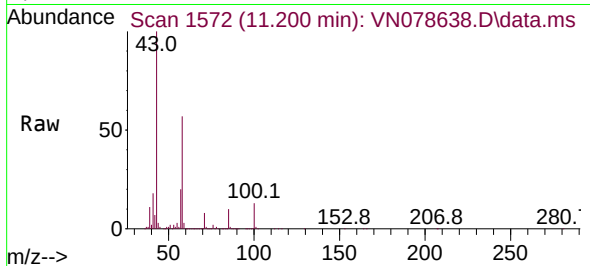
106 29.3 26.2 39.4





#59  
2-Hexanone  
Concen: 251.505 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

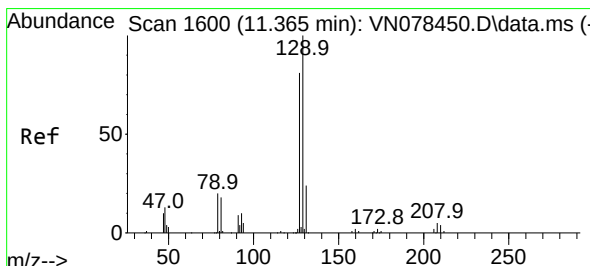
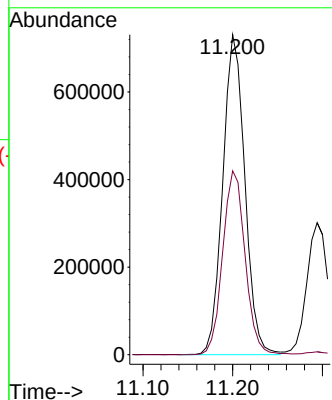
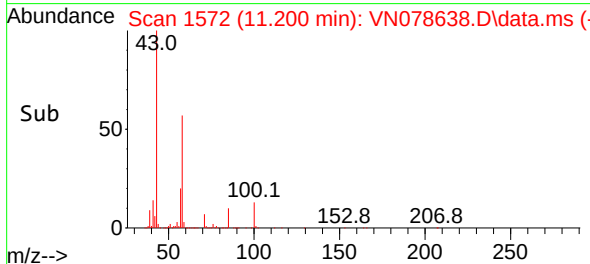
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



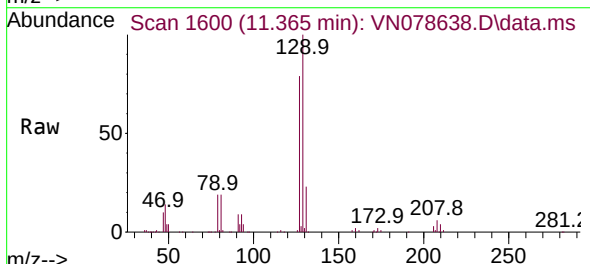
Tgt Ion: 43 Resp: 124810  
Ion Ratio Lower Upper  
43 100  
58 58.4 31.7 95.1

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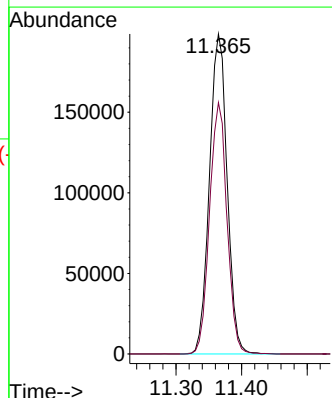
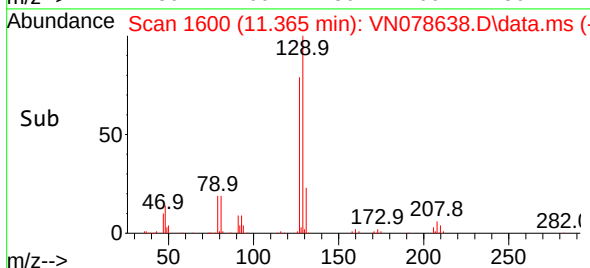
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

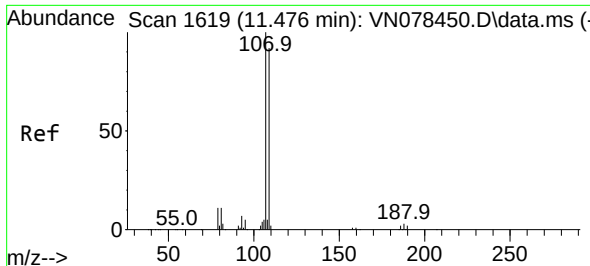


#60  
Dibromochloromethane  
Concen: 54.475 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



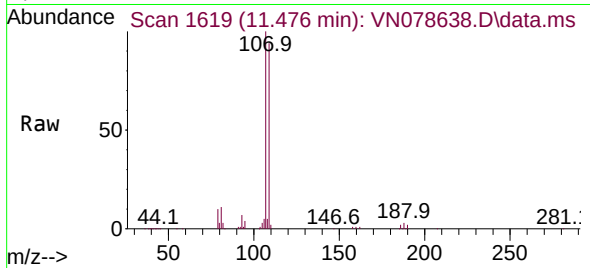
Tgt Ion:129 Resp: 372125  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 116.0





#61  
1,2-Dibromoethane  
Concen: 51.202 ug/l  
RT: 11.476 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

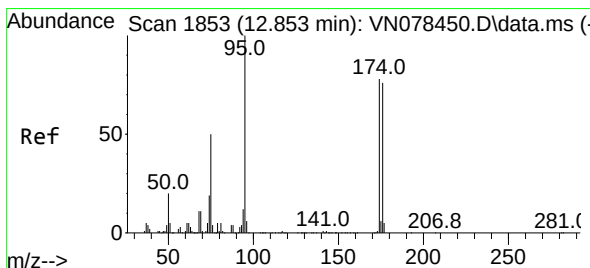
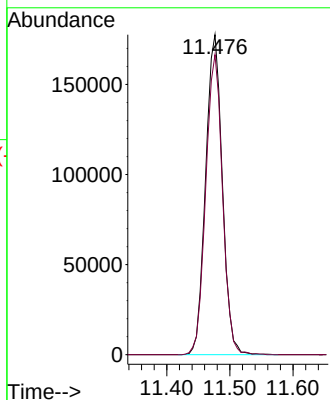
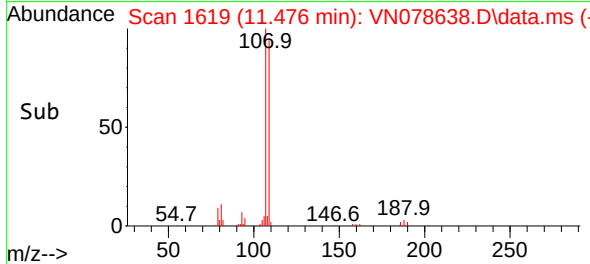
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:107 Resp: 326370  
Ion Ratio Lower Upper  
107 100  
109 94.2 76.6 114.8

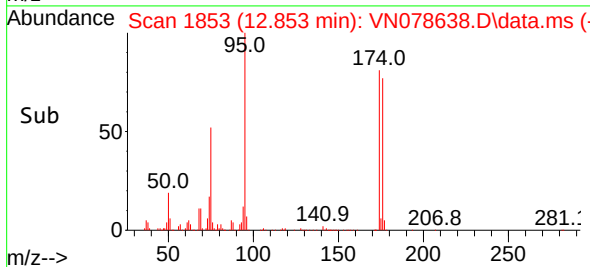
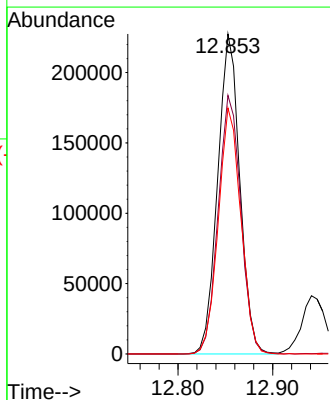
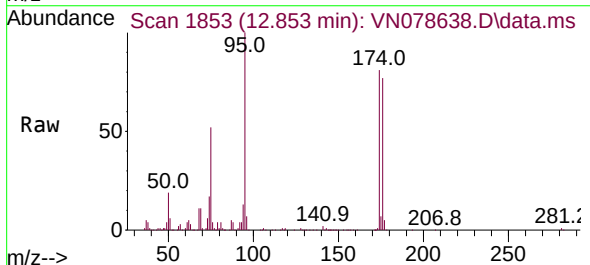
Manual Integrations  
APPROVED

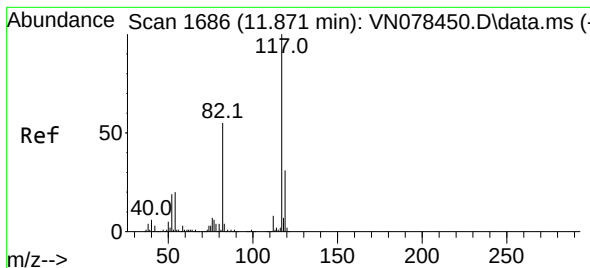
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#62  
4-Bromofluorobenzene  
Concen: 53.692 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

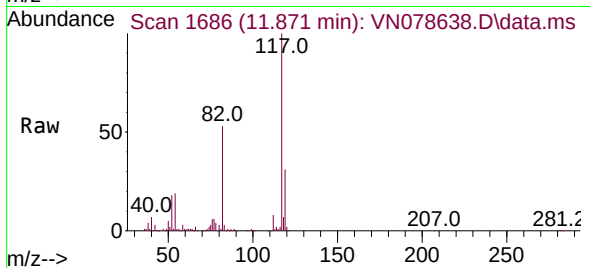
Tgt Ion: 95 Resp: 370098  
Ion Ratio Lower Upper  
95 100  
174 82.5 0.0 143.8  
176 78.3 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

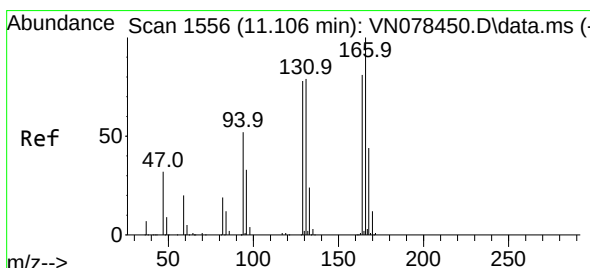
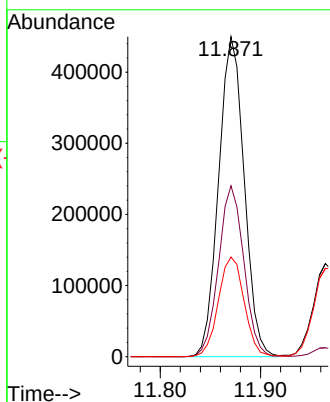
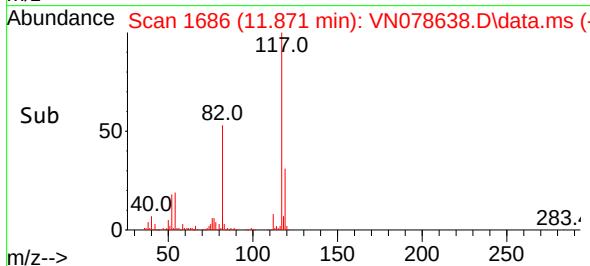
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



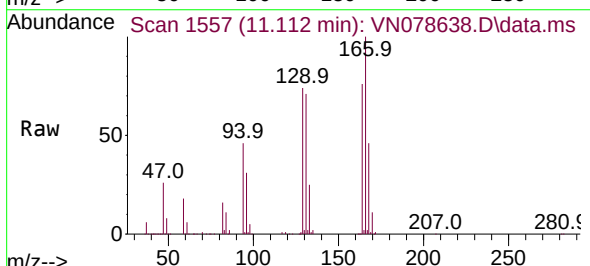
Tgt Ion:117 Resp: 794792  
Ion Ratio Lower Upper  
117 100  
82 53.4 44.0 66.0  
119 31.2 25.6 38.4

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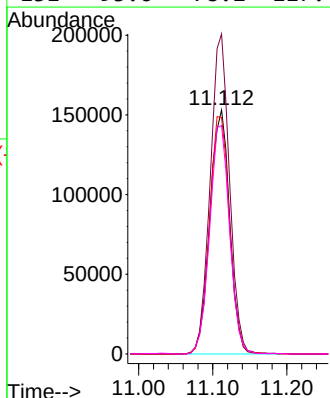
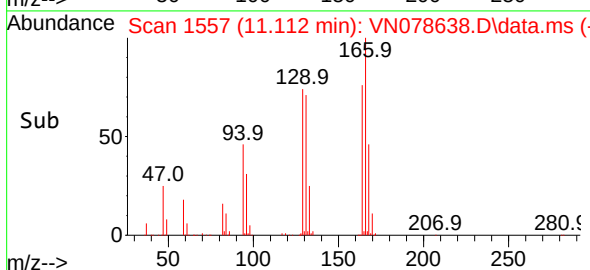
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

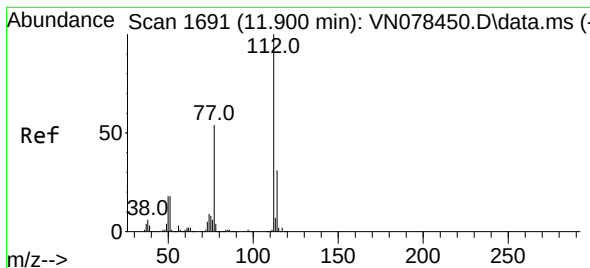


#64  
Tetrachloroethene  
Concen: 47.848 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. 0.006 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



Tgt Ion:164 Resp: 285913  
Ion Ratio Lower Upper  
164 100  
166 131.1 101.4 152.0  
129 96.9 82.4 123.6  
131 93.6 78.2 117.4





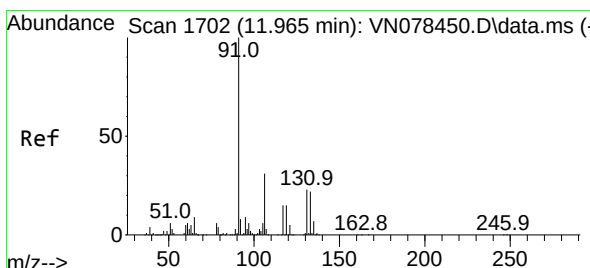
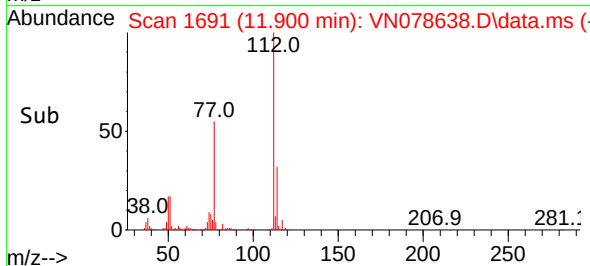
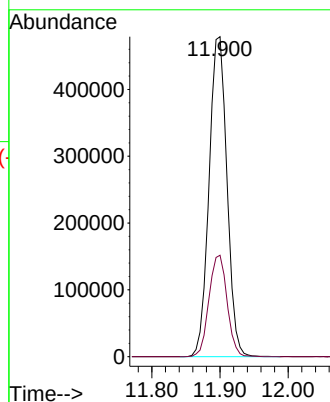
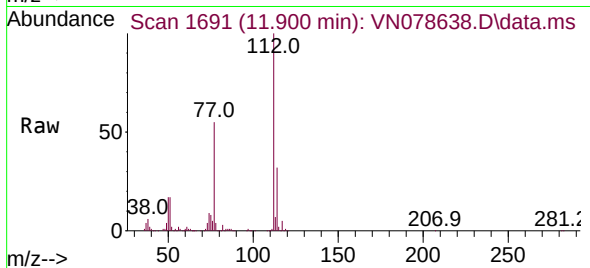
#65  
Chlorobenzene  
Concen: 49.253 ug/l  
RT: 11.900 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 87500  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.0 37.4

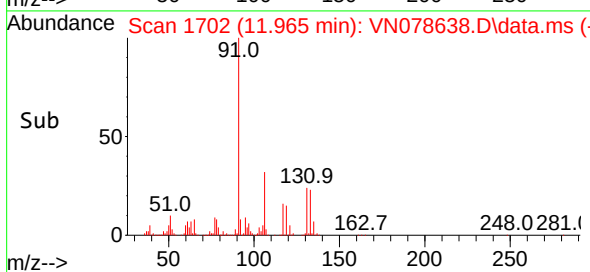
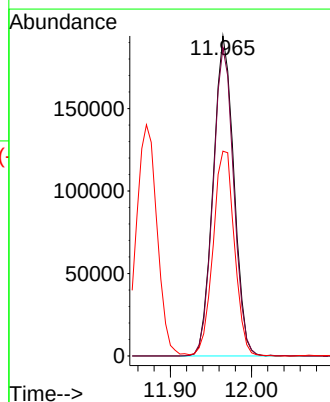
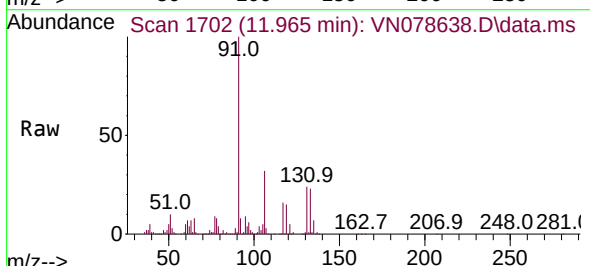
Manual Integrations  
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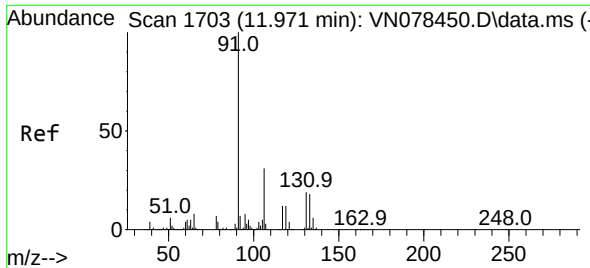
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.414 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Tgt Ion:131 Resp: 344548  
Ion Ratio Lower Upper  
131 100  
133 96.1 46.4 139.1  
119 65.9 34.1 102.2





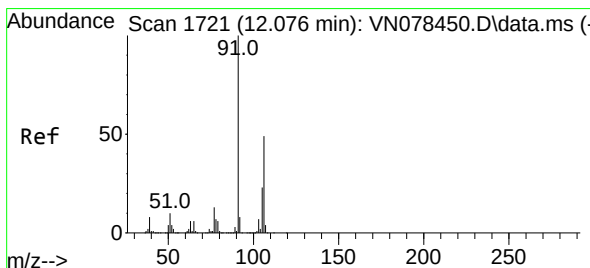
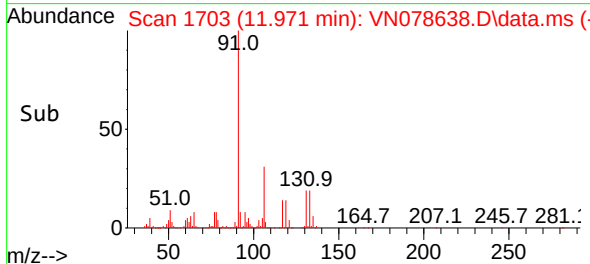
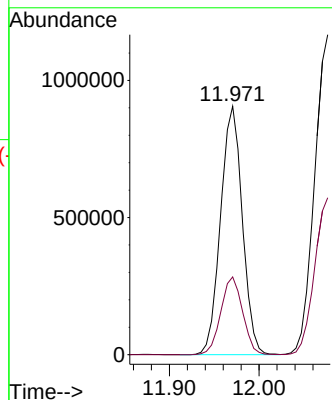
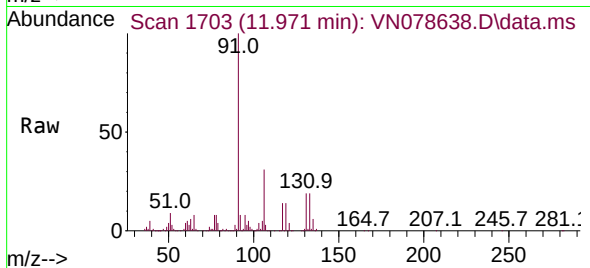
#67  
Ethyl Benzene  
Concen: 50.808 ug/l  
RT: 11.971 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 1525749  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.6 38.4

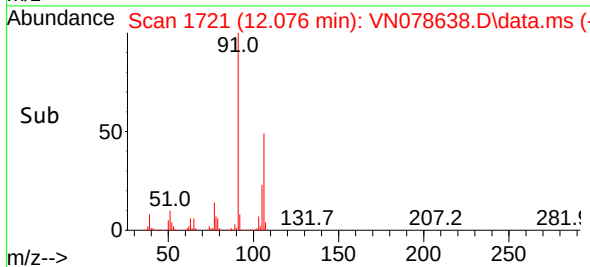
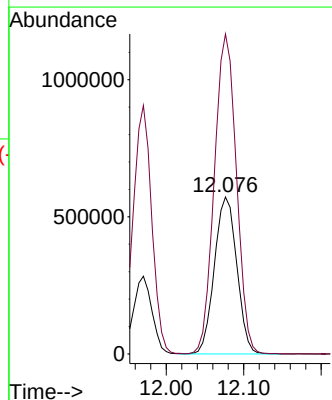
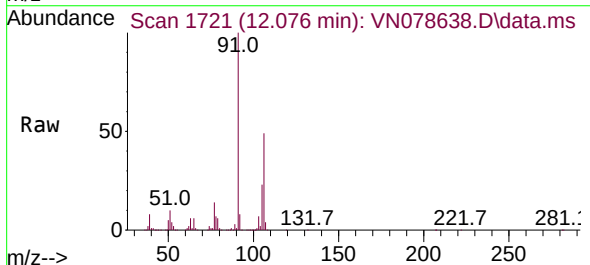
Manual Integrations  
APPROVED

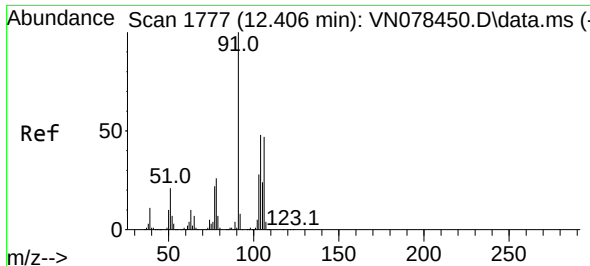
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#68  
m/p-Xylenes  
Concen: 103.523 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Tgt Ion:106 Resp: 1149394  
Ion Ratio Lower Upper  
106 100  
91 200.8 159.6 239.4





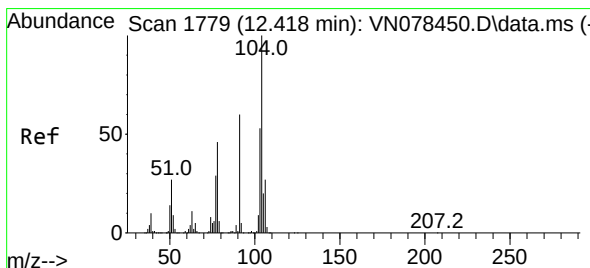
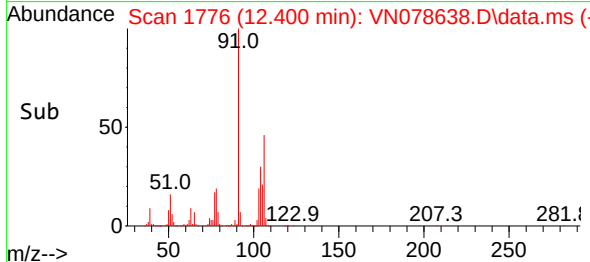
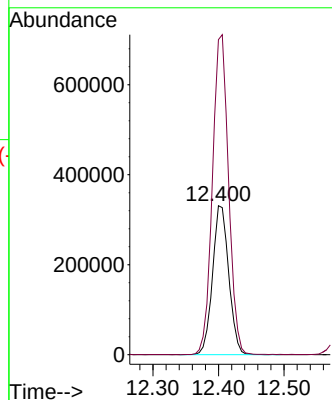
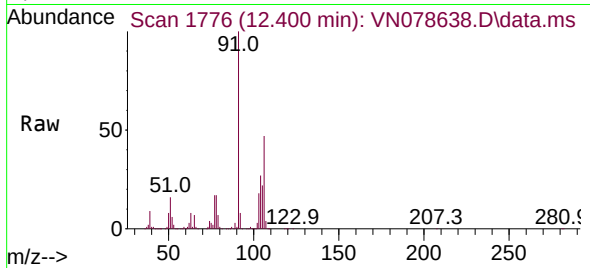
#69  
o-Xylene  
Concen: 50.656 ug/l  
RT: 12.400 min Scan# 1777  
Delta R.T. -0.006 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 568079  
Ion Ratio Lower Upper  
106 100  
91 214.1 105.2 315.5

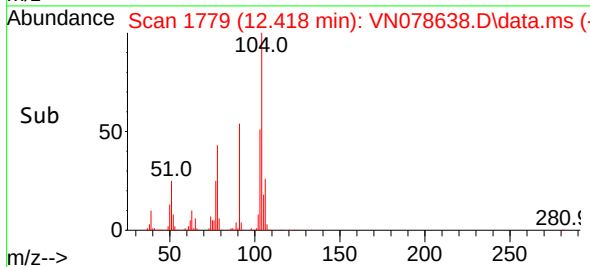
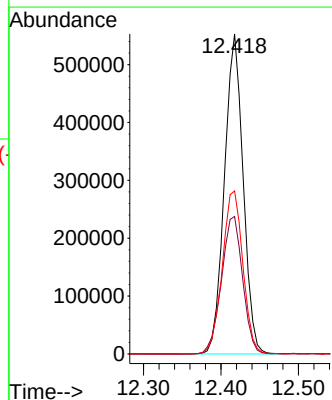
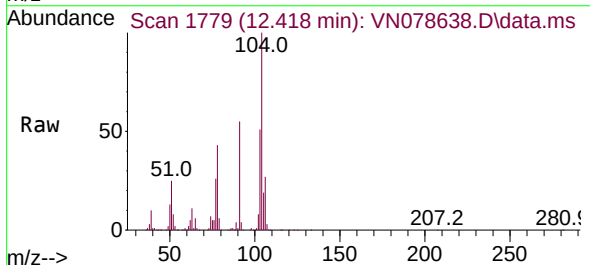
Manual Integrations  
APPROVED

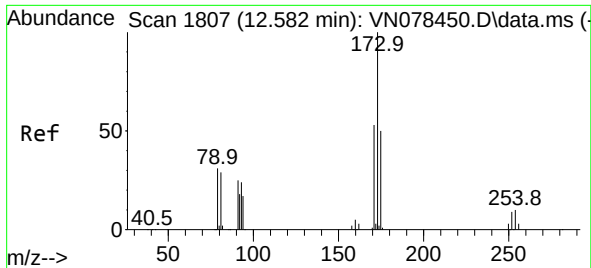
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#70  
Styrene  
Concen: 52.991 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

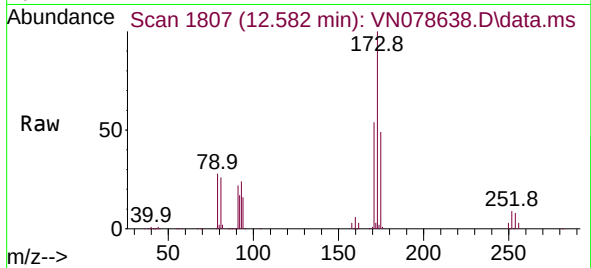
Tgt Ion:104 Resp: 929711  
Ion Ratio Lower Upper  
104 100  
78 48.5 39.5 59.3  
103 56.1 43.2 64.8





#71  
Bromoform  
Concen: 53.709 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

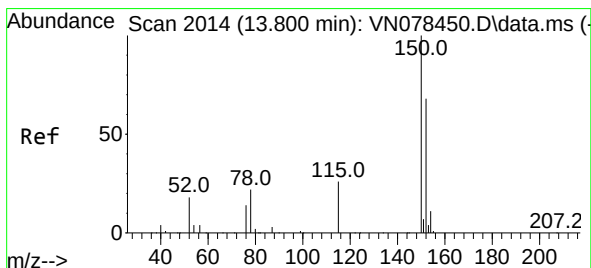
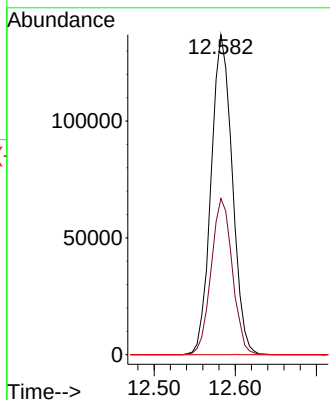
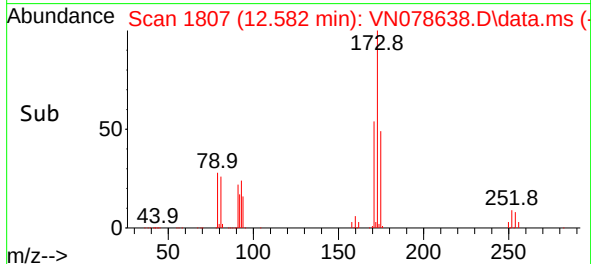
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



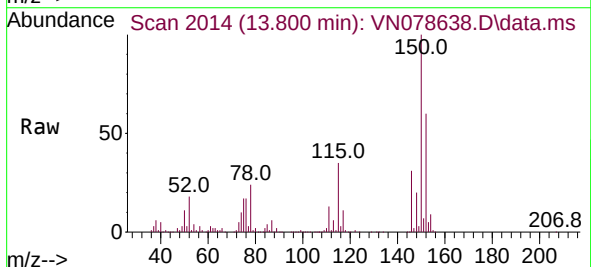
Tgt Ion:173 Resp: 248598  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.3 73.0  
254 0.0 0.0 0.0

Manual Integrations  
APPROVED

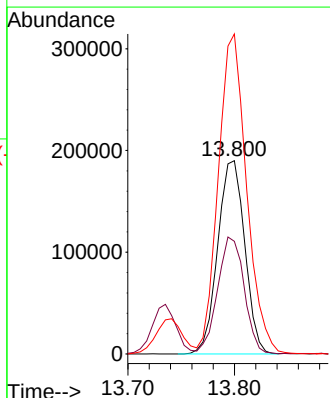
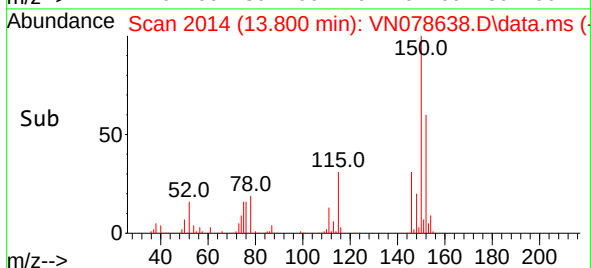
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



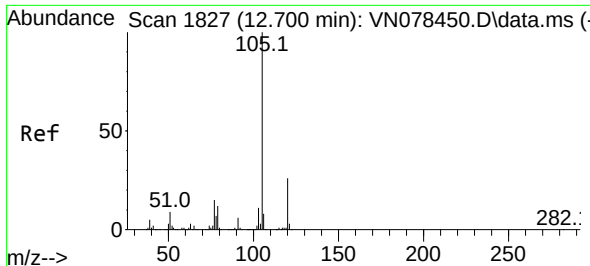
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



Tgt Ion:152 Resp: 334581  
Ion Ratio Lower Upper  
152 100  
115 59.2 32.3 96.8  
150 173.2 0.0 355.8

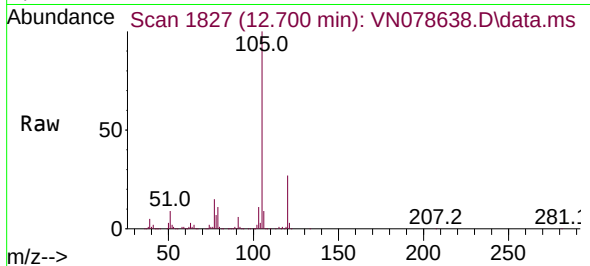






#73  
Isopropylbenzene  
Concen: 45.271 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

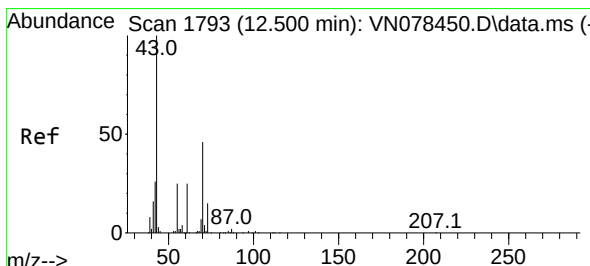
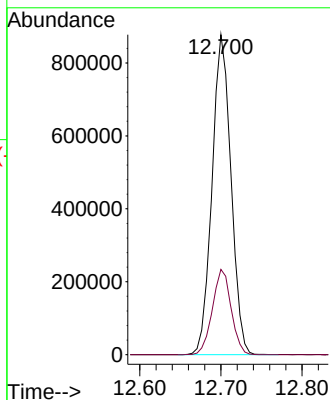
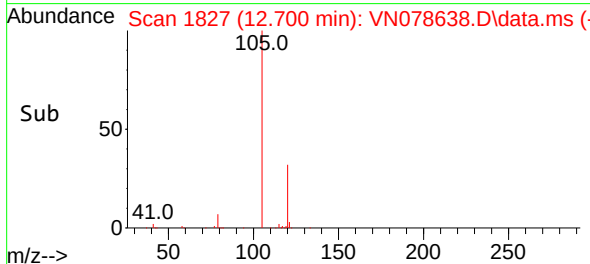
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:105 Resp: 142325  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.1 39.1

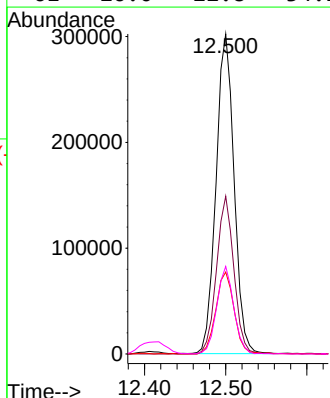
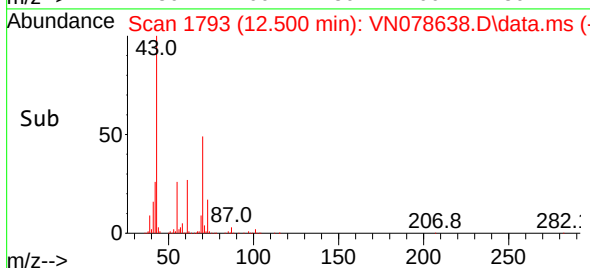
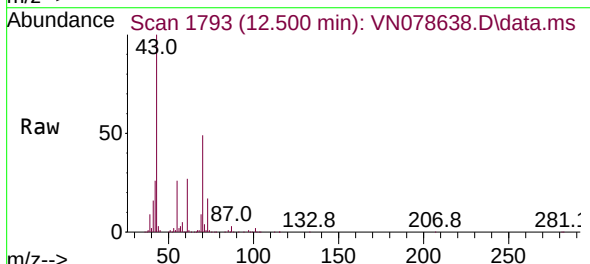
Manual Integrations  
APPROVED

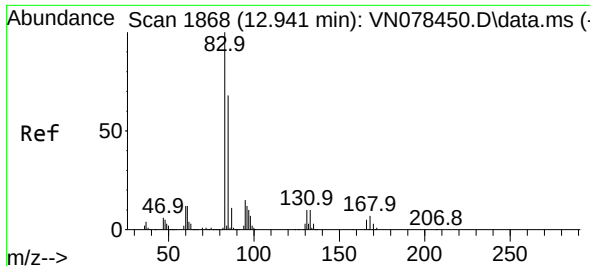
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#74  
N-ethyl acetate  
Concen: 43.073 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

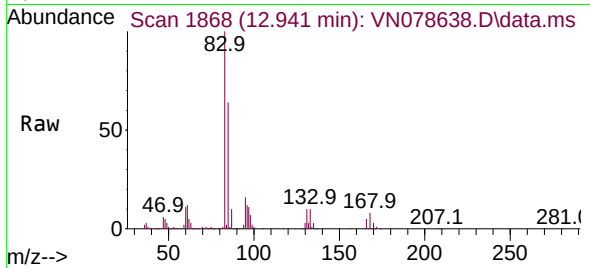
Tgt Ion: 43 Resp: 466664  
Ion Ratio Lower Upper  
43 100  
70 47.4 43.4 65.2  
55 26.0 21.4 32.0  
61 26.0 22.8 34.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.433 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

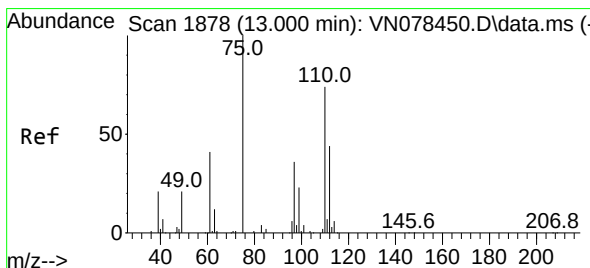
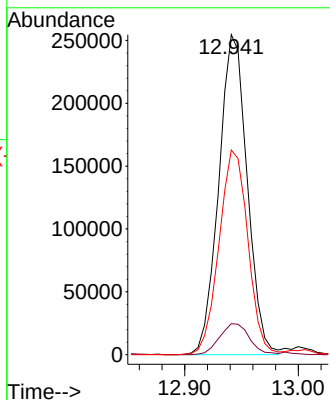
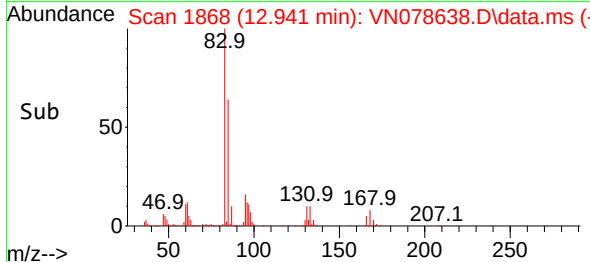
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



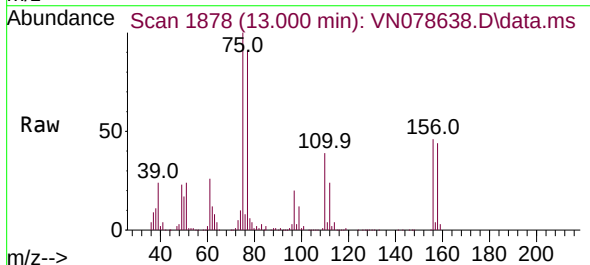
Tgt Ion: 83 Resp: 442611  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.0 15.0  
85 64.8 31.9 95.7

Manual Integrations  
APPROVED

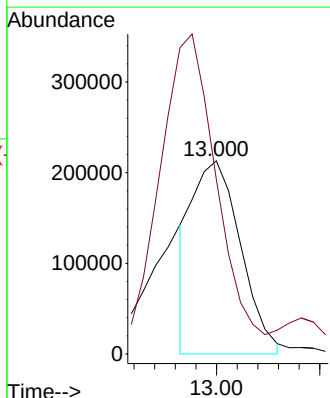
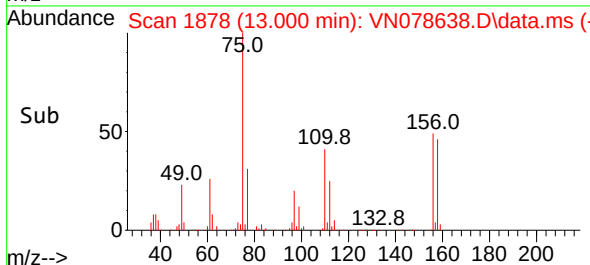
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

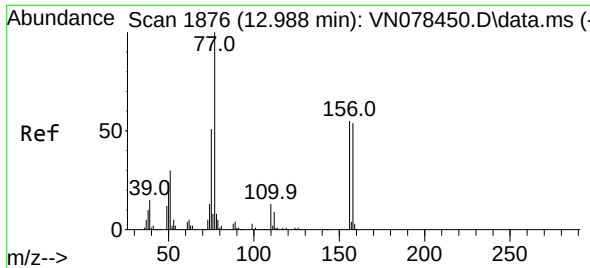


#76  
1,2,3-Trichloropropane  
Concen: 43.070 ug/l m  
RT: 13.000 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



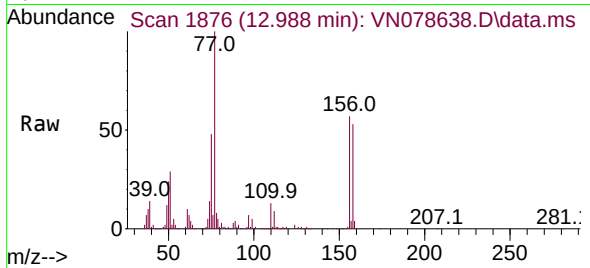
Tgt Ion: 75 Resp: 348318  
Ion Ratio Lower Upper  
75 100  
77 198.1 84.5 253.5





#77  
Bromobenzene  
Concen: 51.109 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

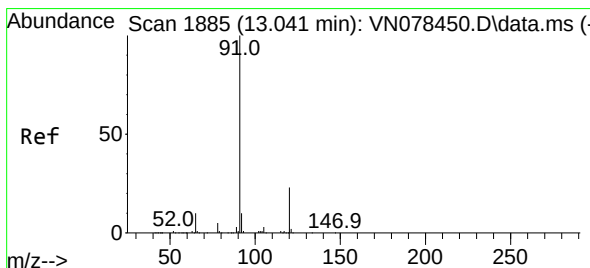
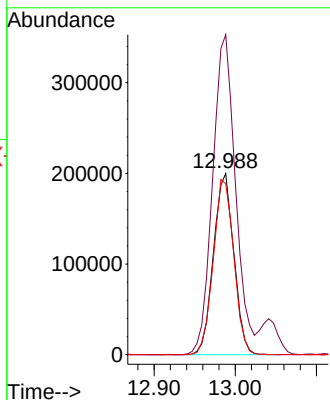
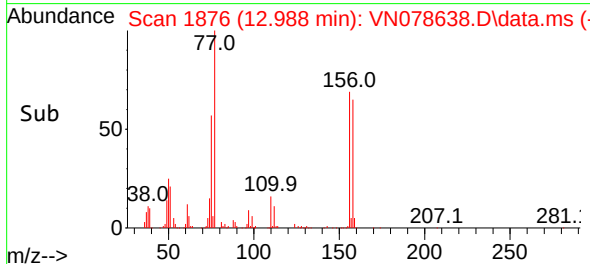
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



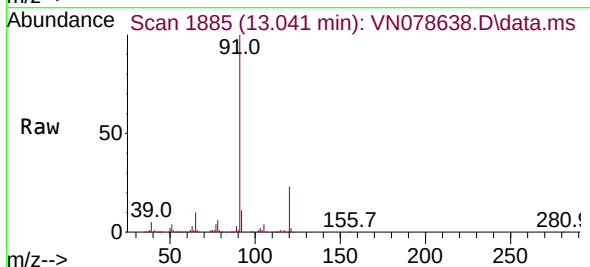
Tgt Ion:156 Resp: 349192  
Ion Ratio Lower Upper  
156 100  
77 197.6 107.7 323.3  
158 97.4 48.4 145.3

Manual Integrations  
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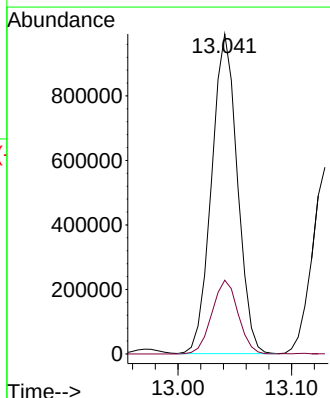
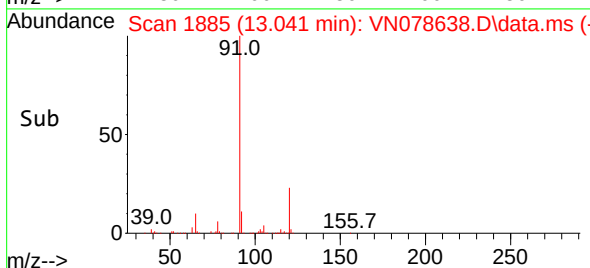
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

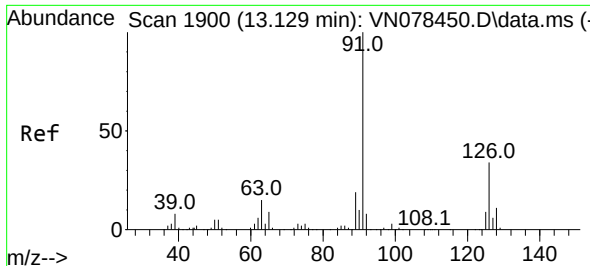


#78  
n-propylbenzene  
Concen: 46.557 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



Tgt Ion: 91 Resp: 1565335  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.5 34.4





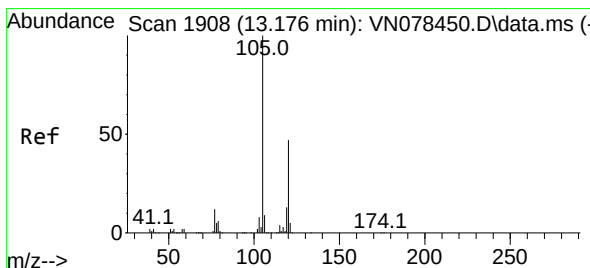
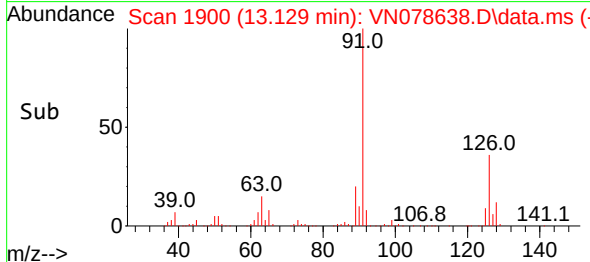
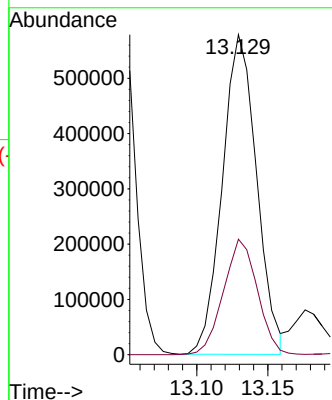
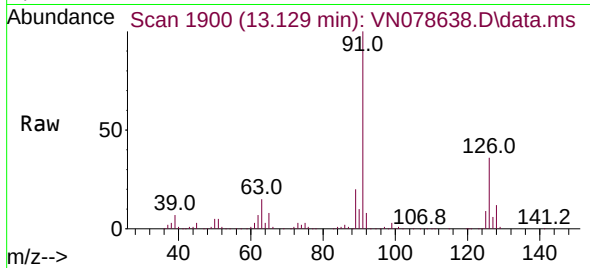
#79  
2-Chlorotoluene  
Concen: 44.161 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 972558  
Ion Ratio Lower Upper  
91 100  
126 35.8 16.3 48.8

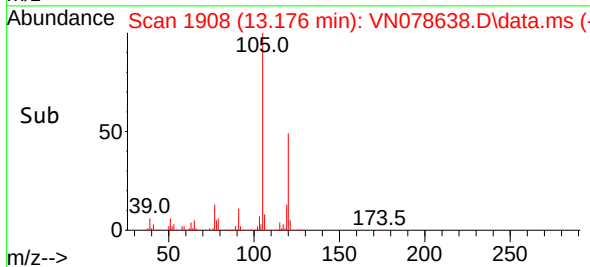
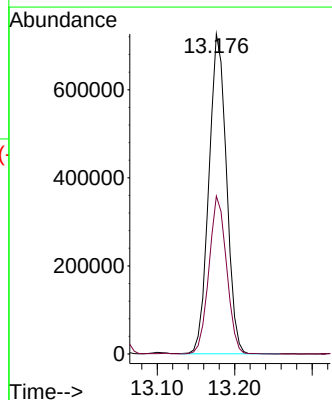
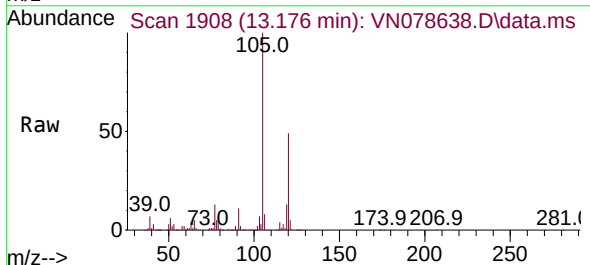
Manual Integrations  
APPROVED

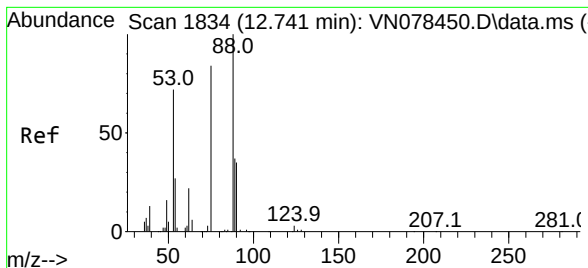
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 45.974 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

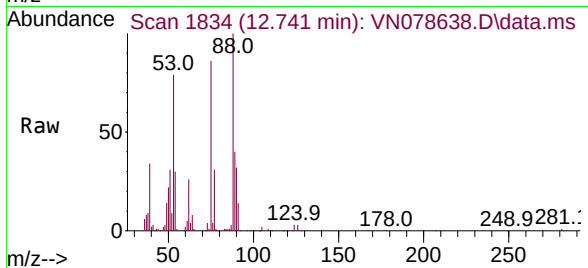
Tgt Ion:105 Resp: 1142012  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.1 72.3





#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.340 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

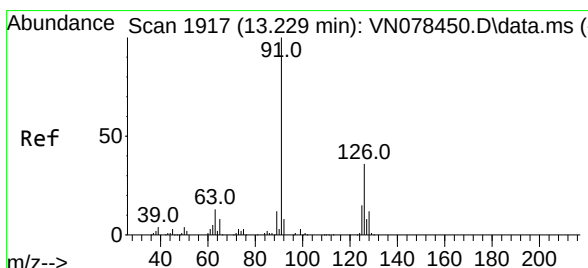
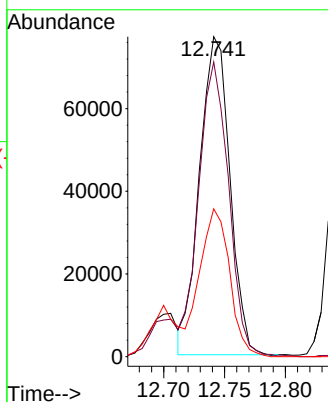
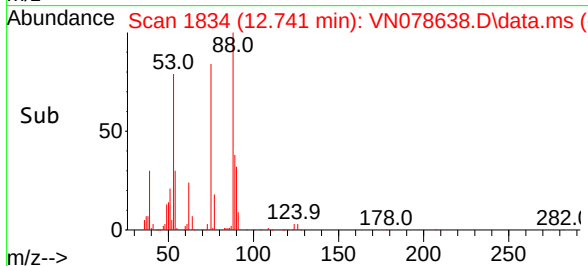
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 133382  
Ion Ratio Lower Upper  
75 100  
53 91.9 67.4 101.2  
89 45.3 38.8 58.2

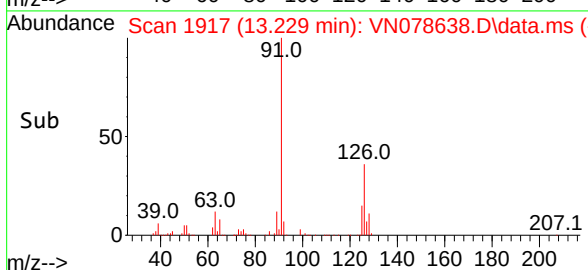
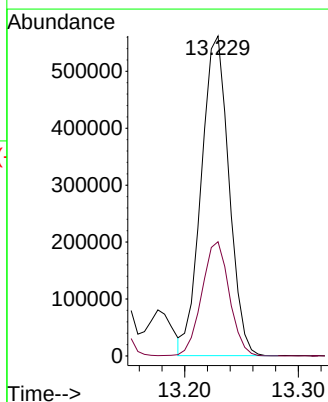
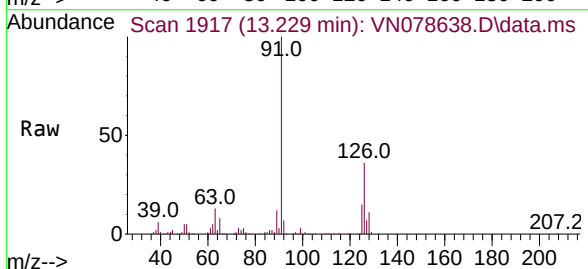
Manual Integrations  
APPROVED

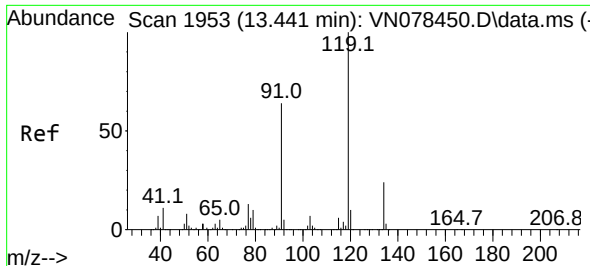
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#82  
4-Chlorotoluene  
Concen: 46.179 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

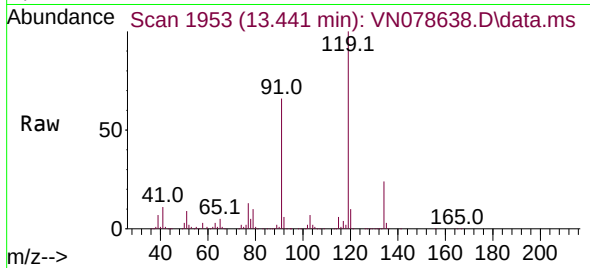
Tgt Ion: 91 Resp: 948711  
Ion Ratio Lower Upper  
91 100  
126 35.6 16.7 50.0





#83  
tert-Butylbenzene  
Concen: 45.926 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

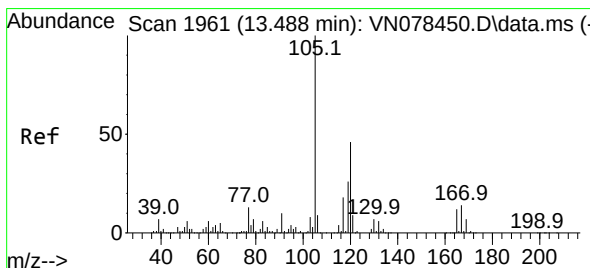
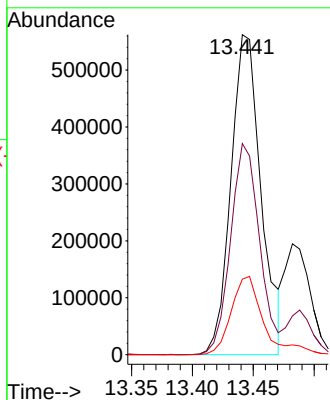
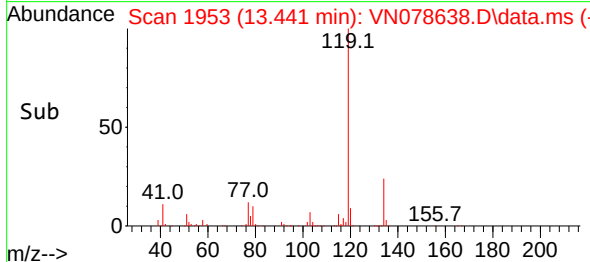
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:119 Resp: 96856  
Ion Ratio Lower Upper  
119 100  
91 63.6 33.9 101.7  
134 26.2 13.2 39.6

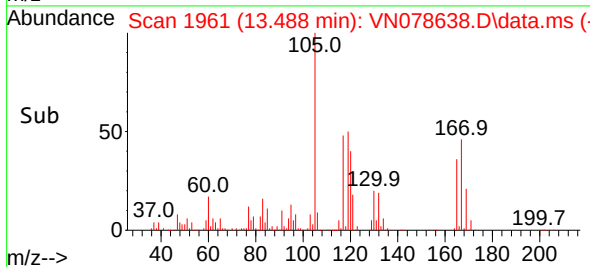
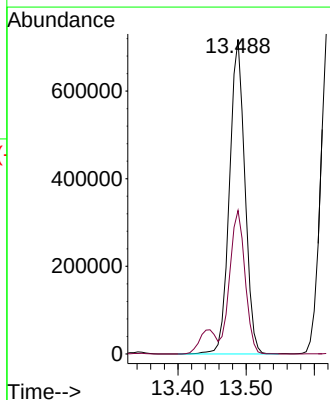
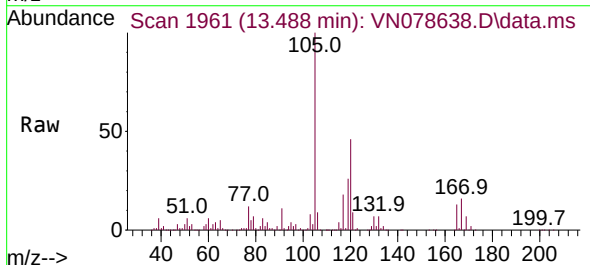
Manual Integrations  
APPROVED

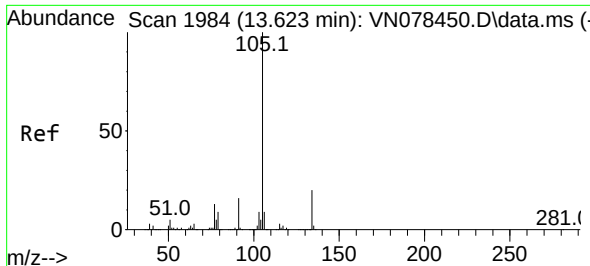
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#84  
1,2,4-Trimethylbenzene  
Concen: 46.721 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

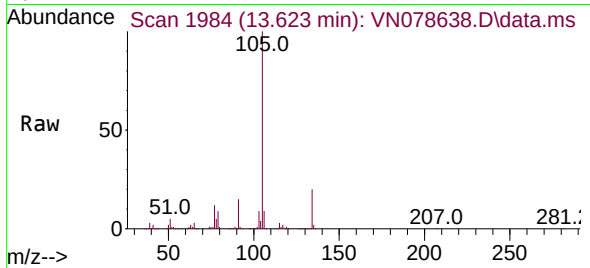
Tgt Ion:105 Resp: 1127296  
Ion Ratio Lower Upper  
105 100  
120 45.5 22.0 66.0





#85  
 sec-Butylbenzene  
 Concen: 46.413 ug/l  
 RT: 13.623 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN078638.D  
 Acq: 24 Jul 2023 17:11

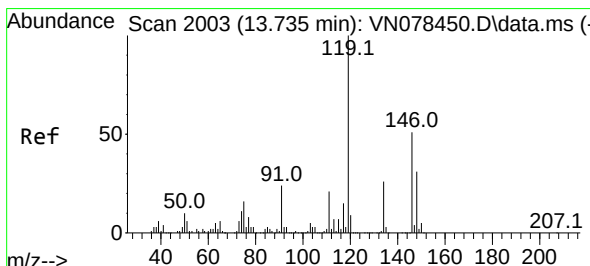
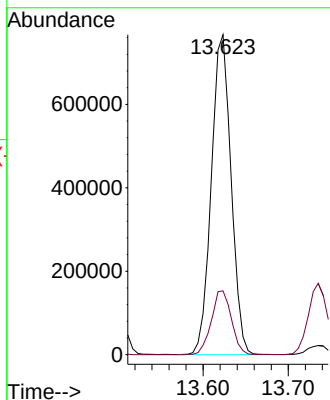
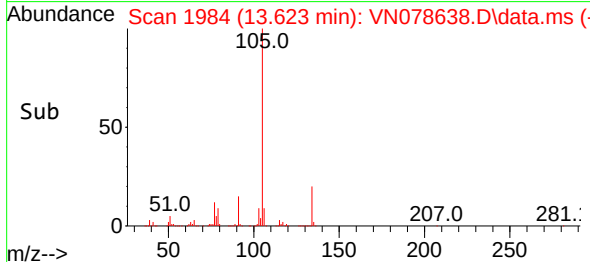
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion:105 Resp: 123724  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 9.8 29.3

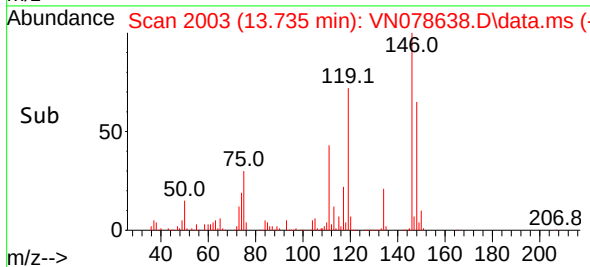
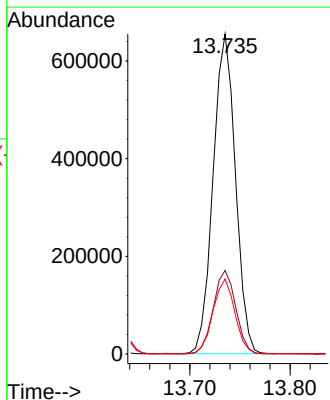
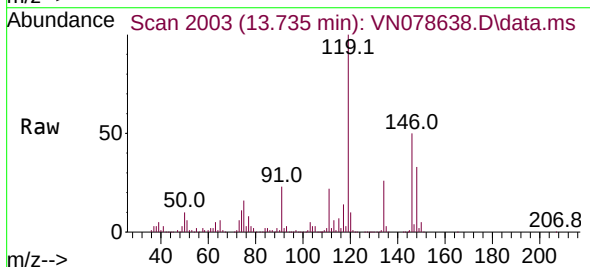
Manual Integrations  
 APPROVED

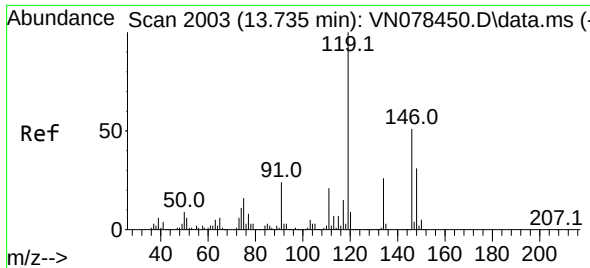
Reviewed By :John Carlone 07/25/2023  
 Supervised By :Mahesh Dadoda 07/25/2023



#86  
 p-Isopropyltoluene  
 Concen: 47.290 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN078638.D  
 Acq: 24 Jul 2023 17:11

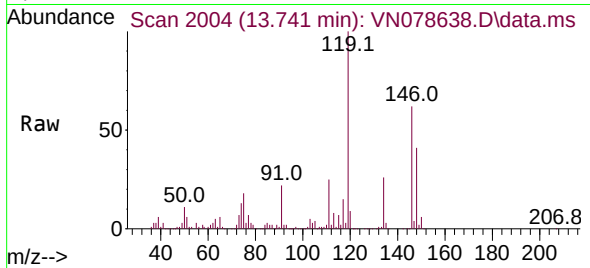
Tgt Ion:119 Resp: 1012241  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 12.6 37.8  
 91 22.9 12.4 37.2





#87  
1,3-Dichlorobenzene  
Concen: 47.840 ug/l  
RT: 13.741 min Scan# 2003  
Delta R.T. 0.006 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

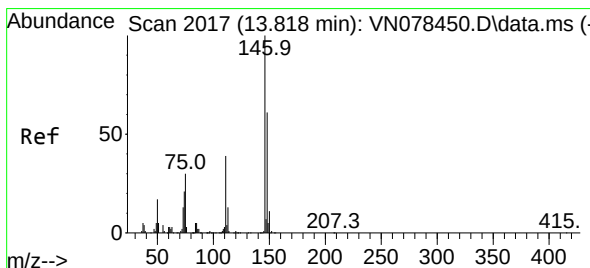
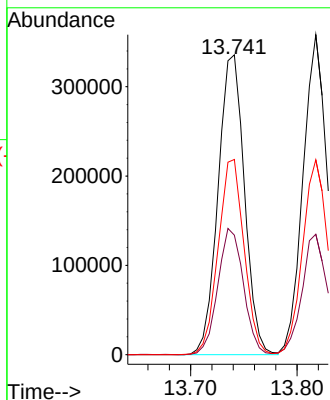
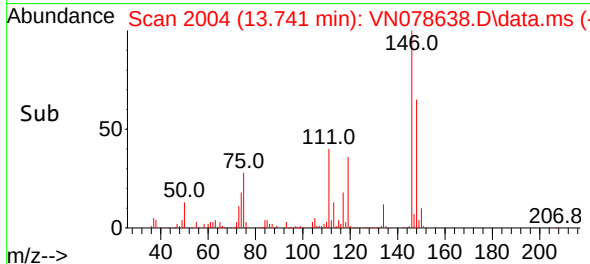
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:146 Resp: 577390  
Ion Ratio Lower Upper  
146 100  
111 40.8 22.1 66.3  
148 63.9 32.0 96.0

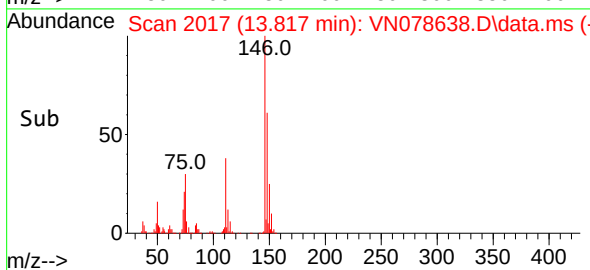
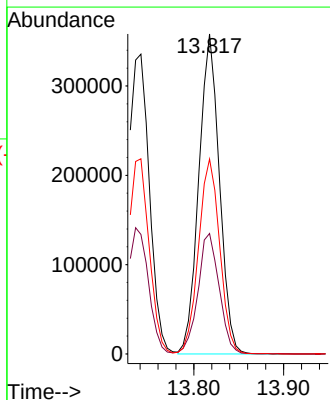
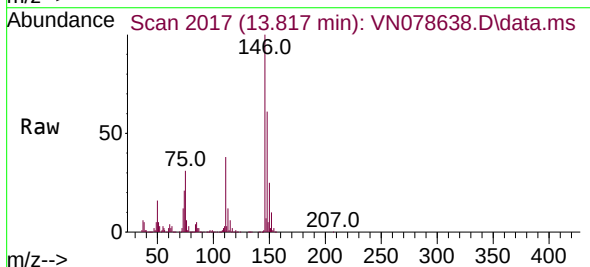
Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

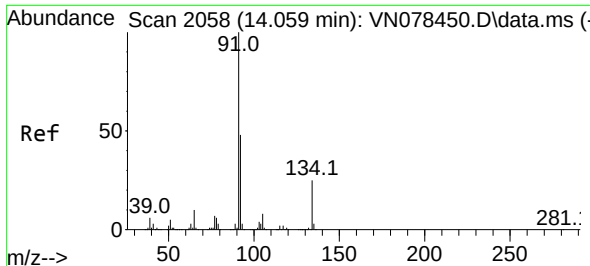


#88  
1,4-Dichlorobenzene  
Concen: 46.962 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. -0.001 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Tgt Ion:146 Resp: 570898  
Ion Ratio Lower Upper  
146 100  
111 38.8 20.6 61.8  
148 62.8 31.6 94.8







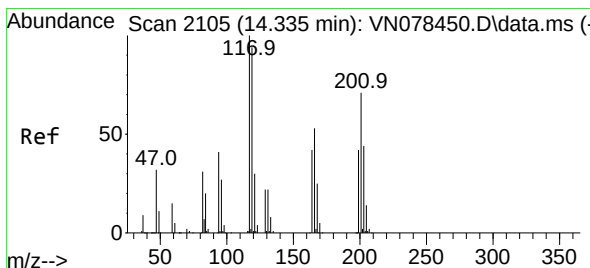
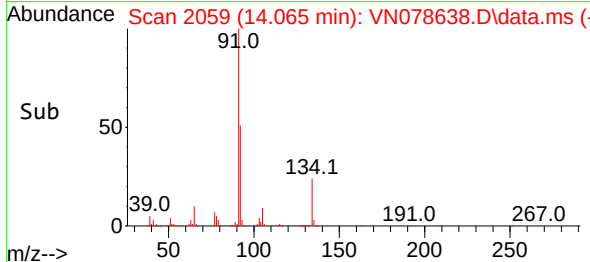
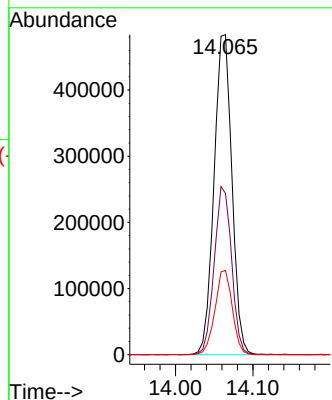
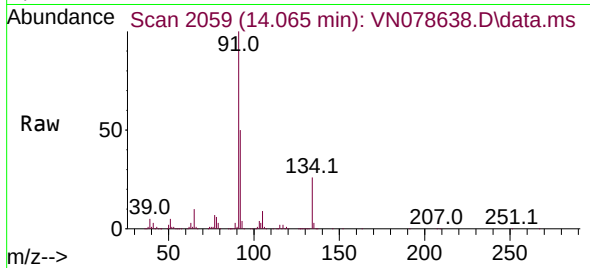
#89  
n-Butylbenzene  
Concen: 50.877 ug/l  
RT: 14.065 min Scan# 2058  
Delta R.T. 0.006 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 779190  
Ion Ratio Lower Upper  
91 100  
92 50.9 26.4 79.0  
134 25.5 12.6 37.6

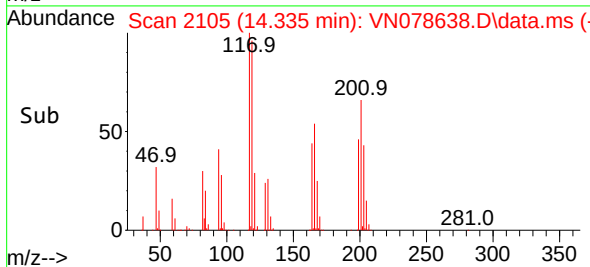
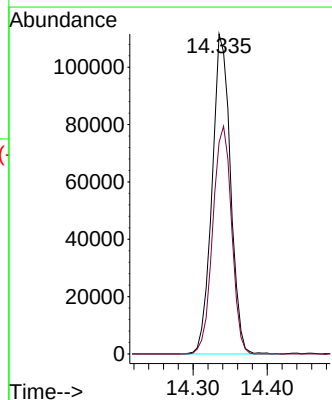
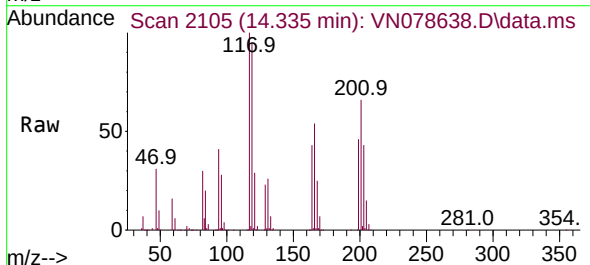
Manual Integrations  
APPROVED

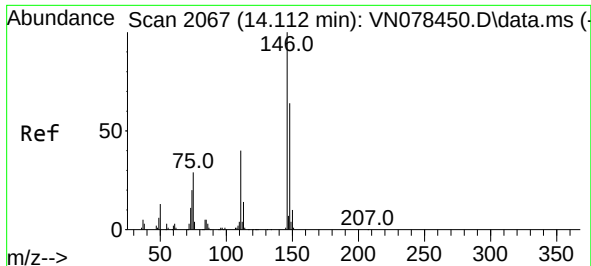
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#90  
Hexachloroethane  
Concen: 48.839 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

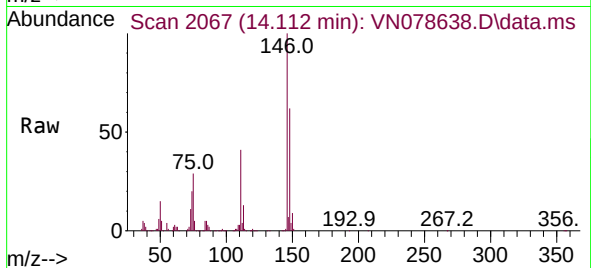
Tgt Ion:117 Resp: 192216  
Ion Ratio Lower Upper  
117 100  
201 72.7 29.3 88.0





#91  
1,2-Dichlorobenzene  
Concen: 46.517 ug/l  
RT: 14.112 min Scan# 2067  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

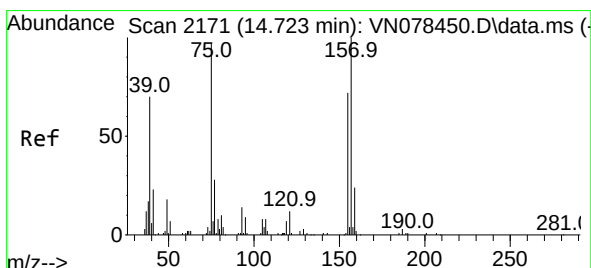
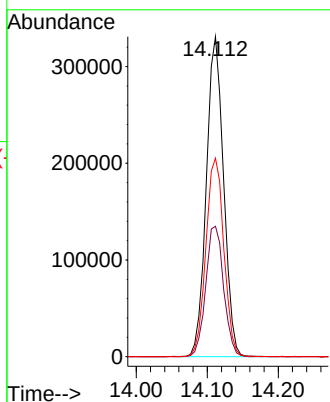
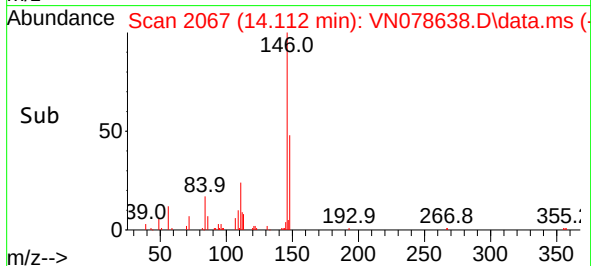
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



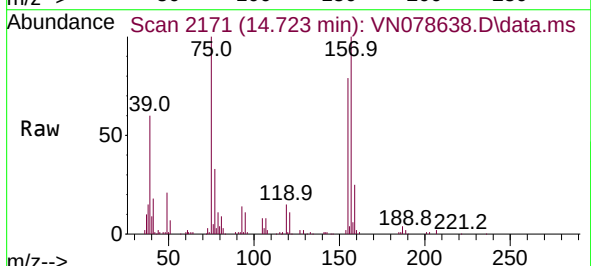
Tgt Ion:146 Resp: 558710  
Ion Ratio Lower Upper  
146 100  
111 42.3 22.0 66.0  
148 64.5 31.8 95.3

Manual Integrations  
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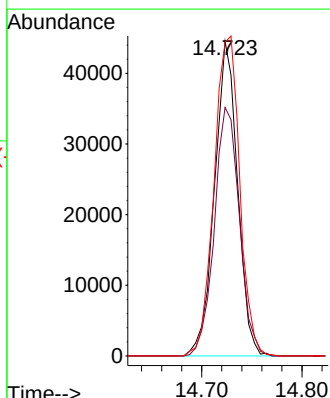
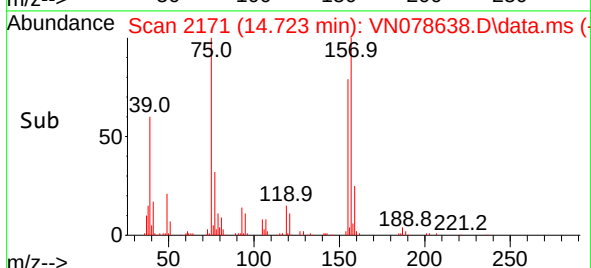
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

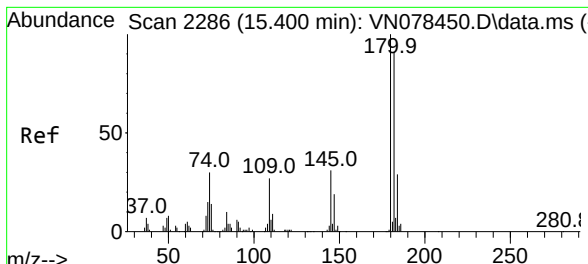


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.051 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



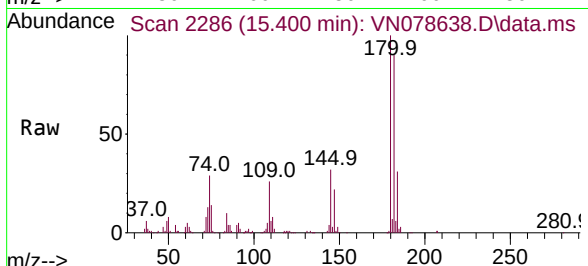
Tgt Ion: 75 Resp: 70986  
Ion Ratio Lower Upper  
75 100  
155 85.9 39.1 117.2  
157 113.2 50.3 150.9





#93  
1,2,4-Trichlorobenzene  
Concen: 50.750 ug/l  
RT: 15.400 min Scan# 2286  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

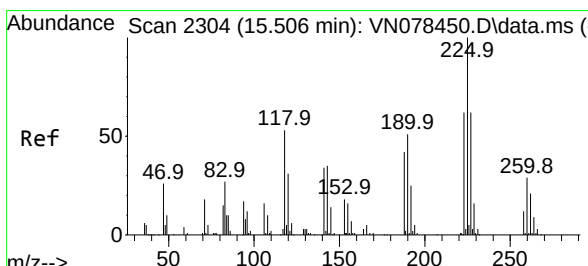
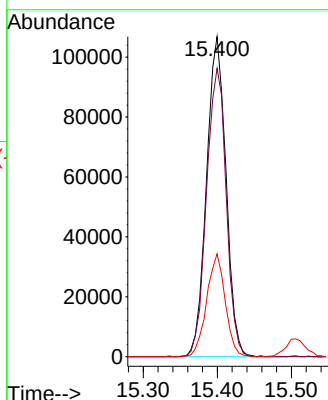
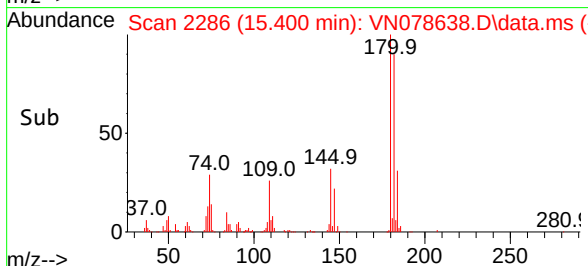
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



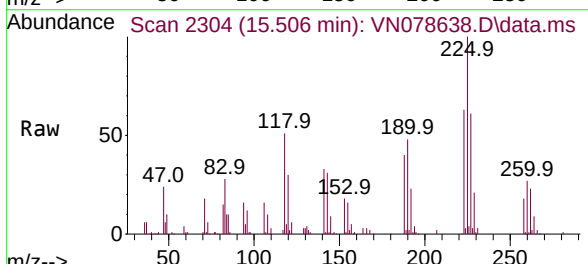
Tgt Ion:180 Resp: 19454  
Ion Ratio Lower Upper  
180 100  
182 91.4 46.1 138.2  
145 30.7 16.6 49.8

Manual Integrations  
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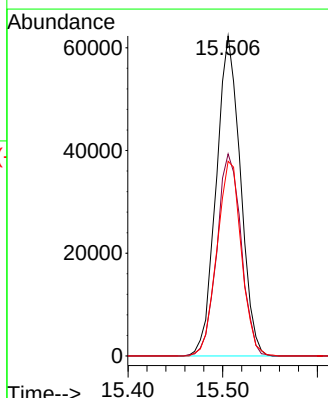
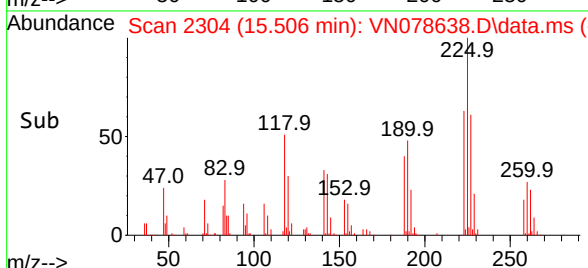
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

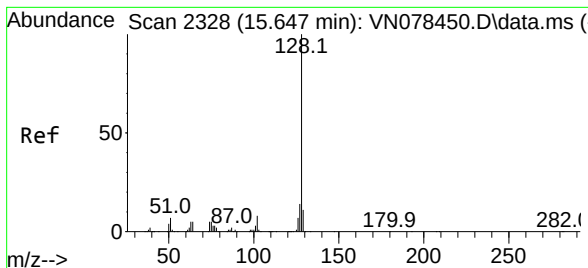


#94  
Hexachlorobutadiene  
Concen: 56.259 ug/l  
RT: 15.506 min Scan# 2304  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



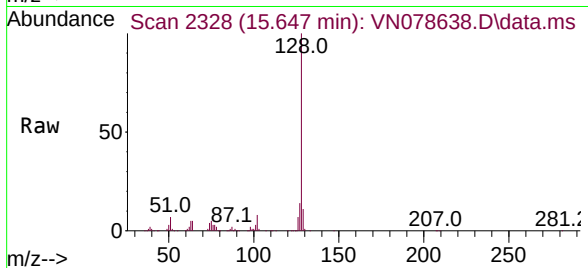
Tgt Ion:225 Resp: 110536  
Ion Ratio Lower Upper  
225 100  
223 63.5 31.3 93.8  
227 61.6 31.9 95.9





#95  
Naphthalene  
Concen: 43.221 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11

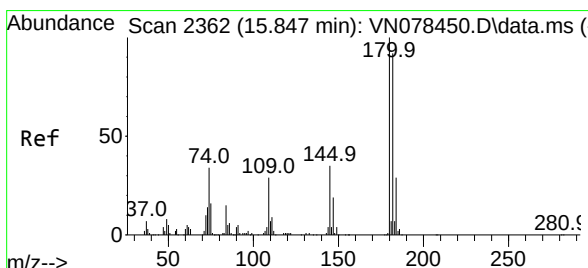
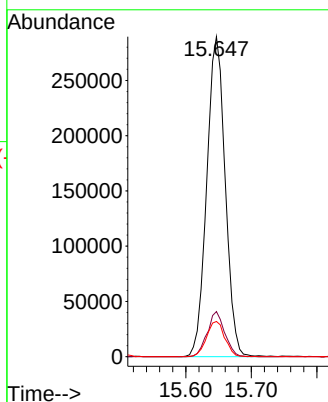
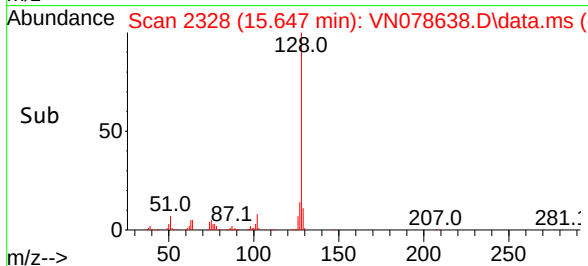
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



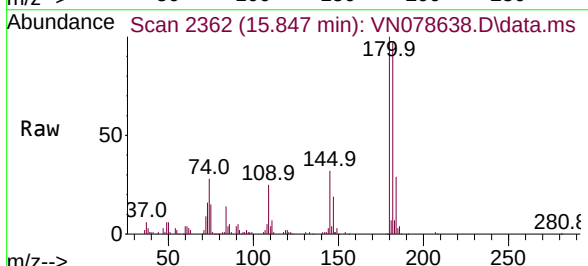
Tgt Ion:128 Resp: 566412  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.0 15.0  
129 10.9 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 46.541 ug/l  
RT: 15.847 min Scan# 2362  
Delta R.T. -0.000 min  
Lab File: VN078638.D  
Acq: 24 Jul 2023 17:11



Tgt Ion:180 Resp: 205141  
Ion Ratio Lower Upper  
180 100  
182 95.8 46.2 138.6  
145 34.0 17.5 52.6

