

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022723\  
 Data File : VN076821.D  
 Acq On : 27 Feb 2023 16:58  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 02/28/2023  
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:51:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021323W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 14 01:44:47 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.225          | 168  | 259735              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.107          | 114  | 464545              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.866         | 117  | 457054              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.795         | 152  | 244894              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.578          | 65   | 192825              | 53.763  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 107.520% |         |        |          |
| 35) Dibromofluoromethane     | 8.166          | 113  | 151597              | 49.831  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 99.660%  |         |        |          |
| 50) Toluene-d8               | 10.566         | 98   | 618881              | 54.473  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 108.940% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.854         | 95   | 224373              | 59.627  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 119.260% |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.137          | 85   | 115089              | 41.730  | ug/l   | 99       |
| 3) Chloromethane             | 2.378          | 50   | 149597              | 41.575  | ug/l   | 91       |
| 4) Vinyl Chloride            | 2.531          | 62   | 166036              | 46.885  | ug/l   | 97       |
| 5) Bromomethane              | 2.954          | 94   | 106845              | 49.794  | ug/l   | 95       |
| 6) Chloroethane              | 3.125          | 64   | 117209              | 52.371  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.507          | 101  | 218195              | 45.284  | ug/l   | 98       |
| 8) Diethyl Ether             | 3.972          | 74   | 97179               | 52.340  | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.384          | 101  | 140126              | 49.494  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.595          | 142  | 188014              | 53.775  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.525          | 59   | 128644              | 271.737 | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.348          | 96   | 126153              | 47.056  | ug/l   | 84       |
| 13) Acrolein                 | 4.184          | 56   | 179180              | 252.103 | ug/l   | 99       |
| 14) Allyl chloride           | 5.031          | 41   | 242582              | 52.221  | ug/l   | 98       |
| 15) Acrylonitrile            | 5.725          | 53   | 456325              | 271.604 | ug/l   | 99       |
| 16) Acetone                  | 4.437          | 43   | 396880              | 247.729 | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.725          | 76   | 309868              | 43.776  | ug/l # | 95       |
| 18) Methyl Acetate           | 5.031          | 43   | 290991              | 55.645  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.807          | 73   | 512978              | 56.754  | ug/l   | 96       |
| 20) Methylene Chloride       | 5.284          | 84   | 165087              | 49.167  | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.795          | 96   | 147227              | 48.785  | ug/l   | 91       |
| 22) Diisopropyl ether        | 6.672          | 45   | 649556              | 59.618  | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.613          | 43   | 2149660             | 333.467 | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.578          | 63   | 316835              | 53.060  | ug/l   | 96       |
| 25) 2-Butanone               | 7.484          | 43   | 645933              | 273.332 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.495          | 77   | 253552              | 58.869  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.495          | 96   | 185107              | 51.714  | ug/l   | 94       |
| 28) Bromochloromethane       | 7.813          | 49   | 167804              | 59.045  | ug/l   | 89       |
| 29) Tetrahydrofuran          | 7.836          | 42   | 433654              | 280.867 | ug/l   | 99       |
| 30) Chloroform               | 7.966          | 83   | 326354              | 54.702  | ug/l   | 97       |
| 31) Cyclohexane              | 8.260          | 56   | 282347              | 50.186  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 8.178          | 97   | 272813              | 54.386  | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.378          | 75   | 243591              | 55.419  | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.566          | 43   | 262158              | 56.687  | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.366          | 117  | 230834              | 52.059  | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.607          | 83   | 277086              | 55.458  | ug/l   | 97       |
| 40) Benzene                  | 8.607          | 78   | 747413              | 55.371  | ug/l   | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 02/28/2023  
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:51:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021323W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 14 01:44:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 148553   | 55.448   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.672  | 62   | 259951   | 55.217   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.689  | 43   | 449317   | 59.707   | ug/l   | 98       |
| 44) Trichloroethene           | 9.354  | 130  | 167376   | 52.472   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.625  | 63   | 204083   | 57.114   | ug/l   | 99       |
| 46) Dibromomethane            | 9.713  | 93   | 131303   | 57.478   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.889  | 83   | 272425   | 59.482   | ug/l # | 98       |
| 48) Methyl methacrylate       | 9.683  | 41   | 210365   | 58.910   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.695  | 88   | 71498    | 1157.463 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.448 | 43   | 1446964  | 302.206  | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 478019   | 58.656   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.836 | 75   | 283583   | 64.150   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.313 | 75   | 300960   | 59.023   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.019 | 97   | 192519   | 58.096   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 292500   | 62.708   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.166 | 76   | 334537   | 58.760   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.160 | 63   | 586070   | 274.349  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.195 | 43   | 1040939  | 301.519  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.360 | 129  | 202172   | 57.887   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 191482   | 57.728   | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.107 | 164  | 142693   | 49.541   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.895 | 112  | 512838   | 52.945   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.960 | 131  | 191619   | 54.464   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.966 | 91   | 947454   | 57.414   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.071 | 106  | 733002   | 115.237  | ug/l   | 95       |
| 69) o-Xylene                  | 12.401 | 106  | 368308   | 59.370   | ug/l   | 97       |
| 70) Styrene                   | 12.413 | 104  | 623713   | 62.174   | ug/l   | 98       |
| 71) Bromoform                 | 12.583 | 173  | 143752   | 55.702   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.695 | 105  | 966621   | 53.851   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.495 | 43   | 415793   | 51.391   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 304196   | 46.818   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.995 | 75   | 250762m  | 50.648   | ug/l   |          |
| 77) Bromobenzene              | 12.977 | 156  | 219451   | 49.002   | ug/l   | 96       |
| 78) n-propylbenzene           | 13.036 | 91   | 1181837  | 56.070   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.124 | 91   | 677522   | 52.498   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 829170   | 55.895   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.742 | 75   | 90709    | 53.361   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.124 | 91   | 677522   | 52.498   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.442 | 119  | 724844   | 54.013   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 836287   | 56.566   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 1086103  | 57.968   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.730 | 119  | 904731   | 60.471   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.736 | 146  | 449024   | 53.041   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.813 | 146  | 447083   | 53.033   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.060 | 91   | 807572   | 62.061   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.336 | 117  | 161053   | 51.411   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.107 | 146  | 441147   | 50.830   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 55297    | 43.928   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 228193   | 52.710   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.501 | 225  | 106566   | 50.224   | ug/l   | 98       |
| 95) Naphthalene               | 15.642 | 128  | 699191   | 53.222   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 221417   | 52.791   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022723\  
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Acq On : 27 Feb 2023 16:58  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

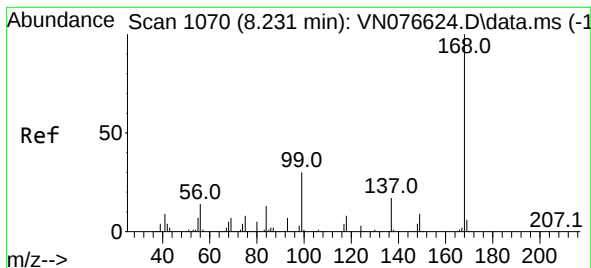
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:51:01 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021323W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 14 01:44:47 2023  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 25973

Ion Ratio Lower Upper

168 100

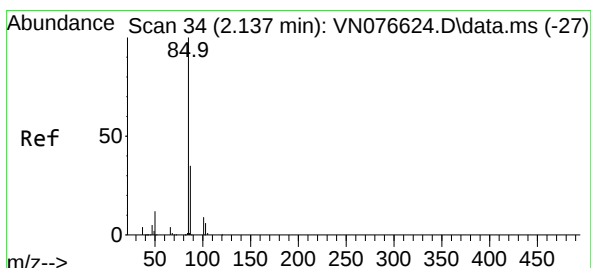
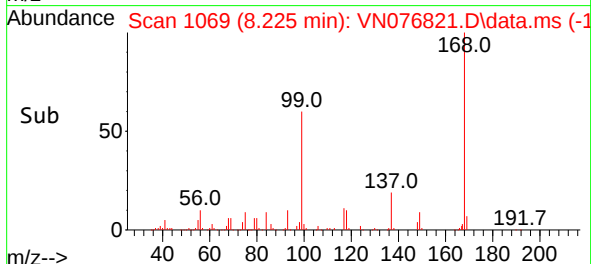
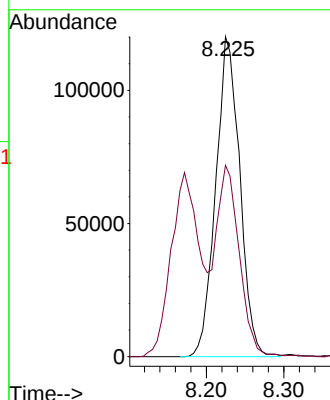
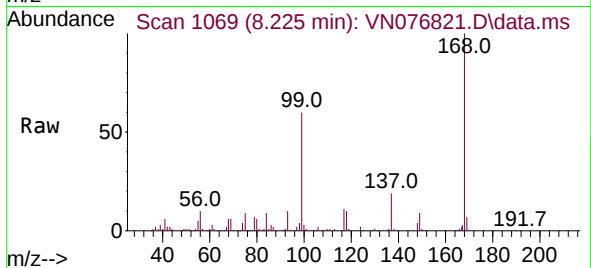
99 59.3 44.8 67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#2

Dichlorodifluoromethane

Concen: 41.730 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN076821.D

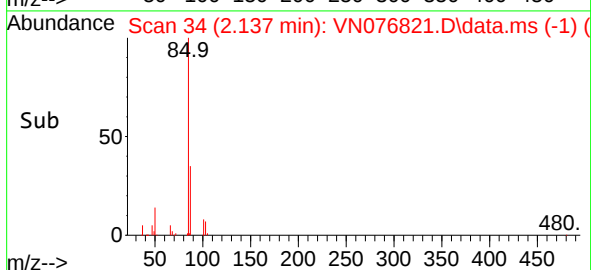
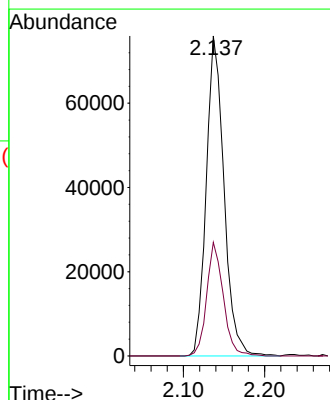
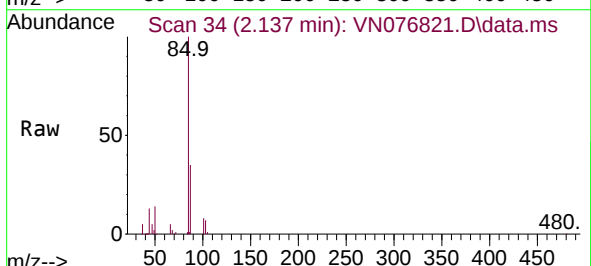
Acq: 27 Feb 2023 16:58

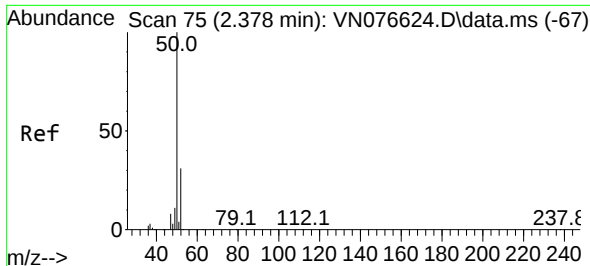
Tgt Ion: 85 Resp: 115089

Ion Ratio Lower Upper

85 100

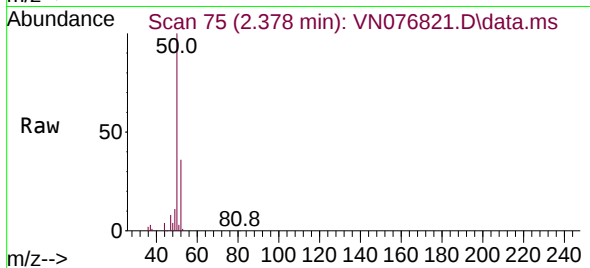
87 35.5 17.4 52.2





#3  
Chloromethane  
Concen: 41.575 ug/l  
RT: 2.378 min Scan# 75  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

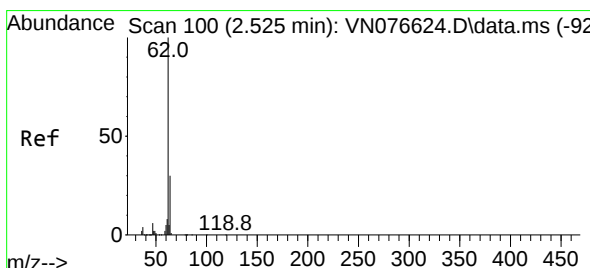
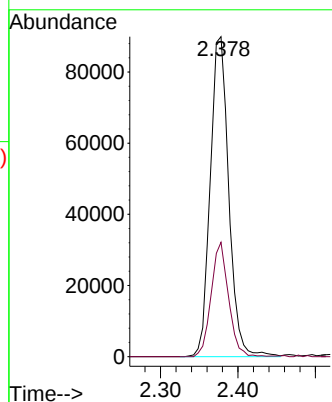
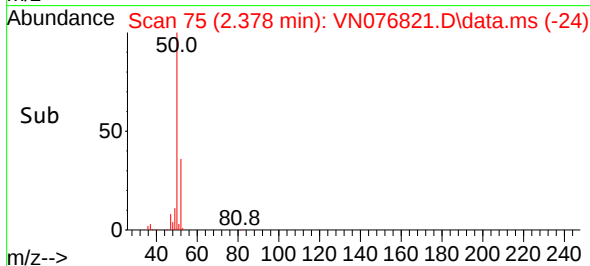
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



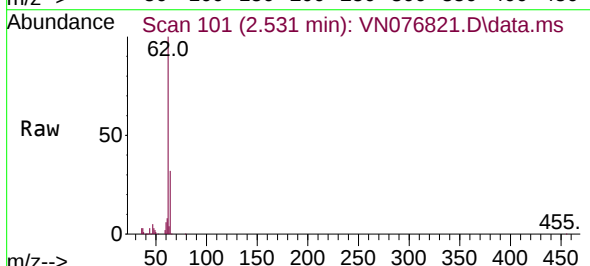
Tgt Ion: 50 Resp: 149597  
Ion Ratio Lower Upper  
50 100  
52 35.8 24.7 37.1

Manual Integrations  
APPROVED

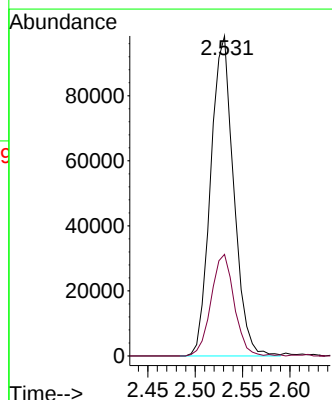
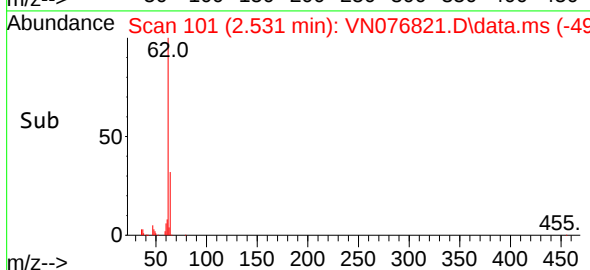
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023

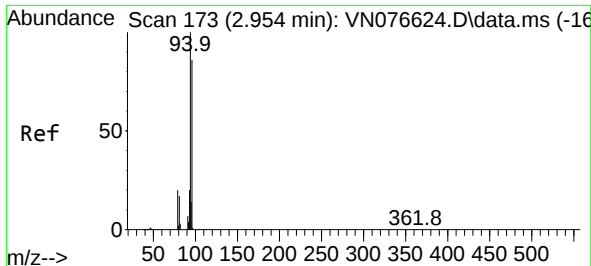


#4  
Vinyl Chloride  
Concen: 46.885 ug/l  
RT: 2.531 min Scan# 101  
Delta R.T. 0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58



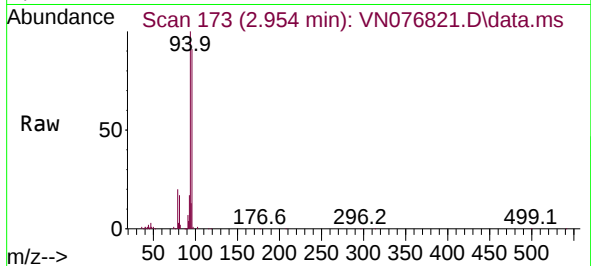
Tgt Ion: 62 Resp: 166036  
Ion Ratio Lower Upper  
62 100  
64 31.8 23.9 35.9





#5  
Bromomethane  
Concen: 49.794 ug/l  
RT: 2.954 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

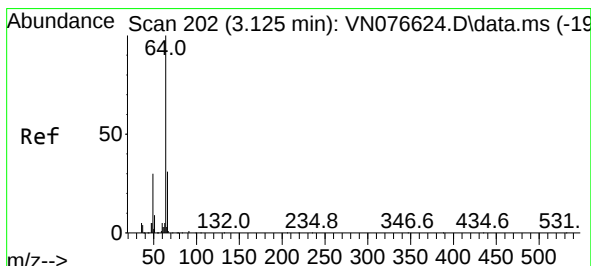
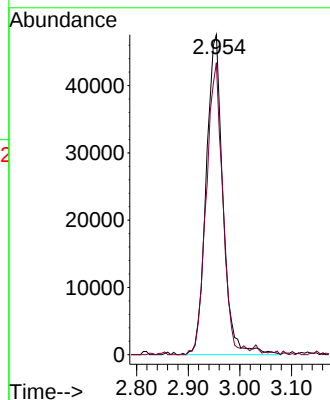
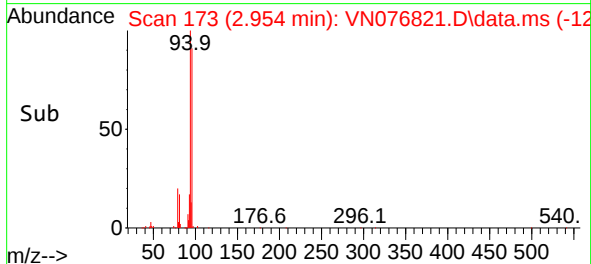
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



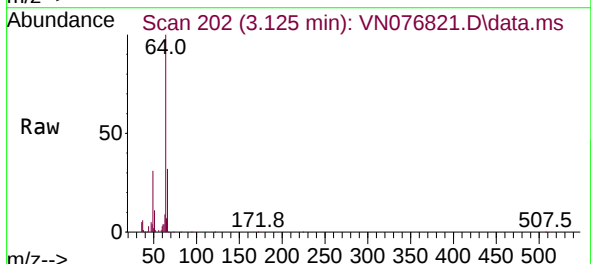
Tgt Ion: 94 Resp: 10684  
Ion Ratio Lower Upper  
94 100  
96 91.3 69.0 103.4

Manual Integrations  
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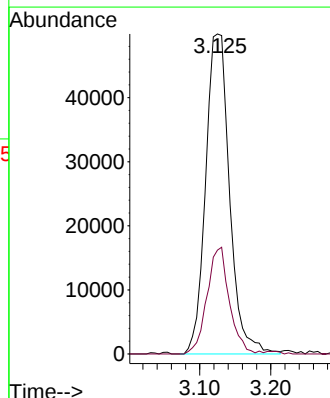
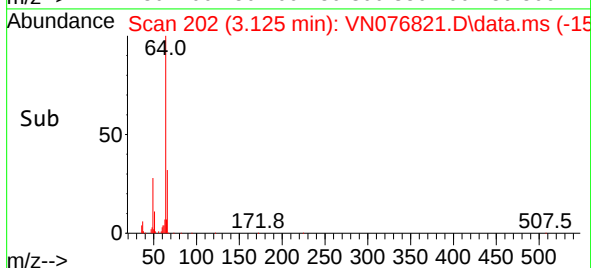
Reviewed By :John Carlone 02/28/2023  
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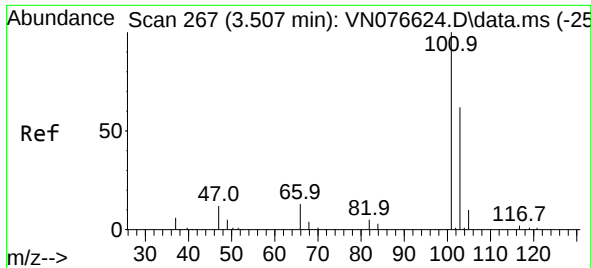


#6  
Chloroethane  
Concen: 52.371 ug/l  
RT: 3.125 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58



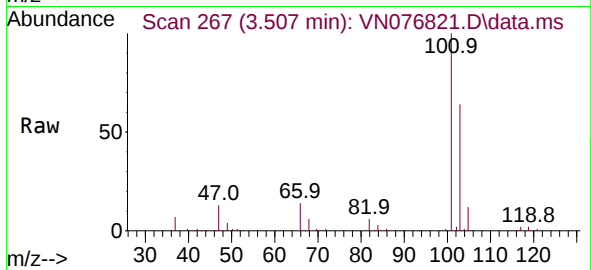
Tgt Ion: 64 Resp: 117209  
Ion Ratio Lower Upper  
64 100  
66 32.5 24.6 37.0





#7  
 Trichlorofluoromethane  
 Concen: 45.284 ug/l  
 RT: 3.507 min Scan# 267  
 Delta R.T. 0.000 min  
 Lab File: VN076821.D  
 Acq: 27 Feb 2023 16:58

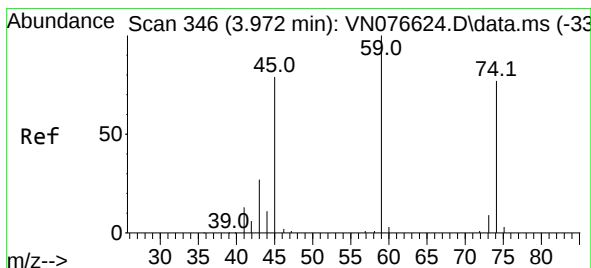
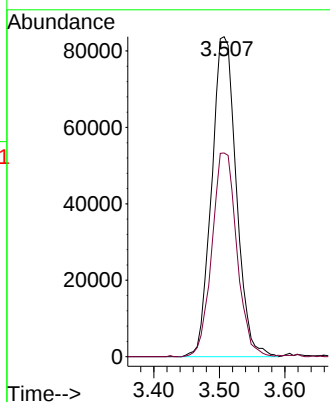
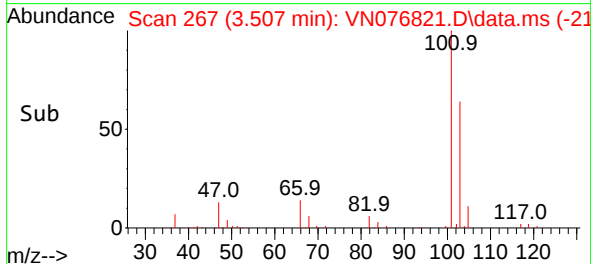
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion:101 Resp: 21819  
 Ion Ratio Lower Upper  
 101 100  
 103 63.6 49.4 74.2

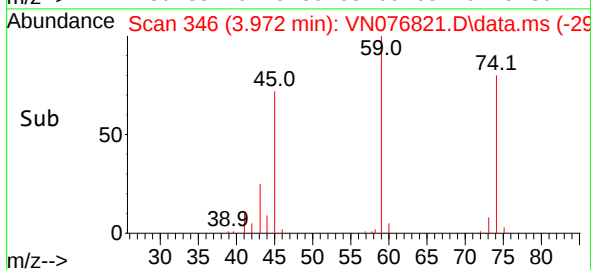
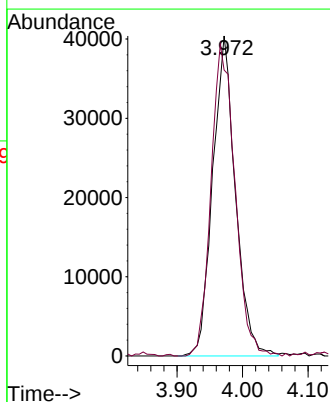
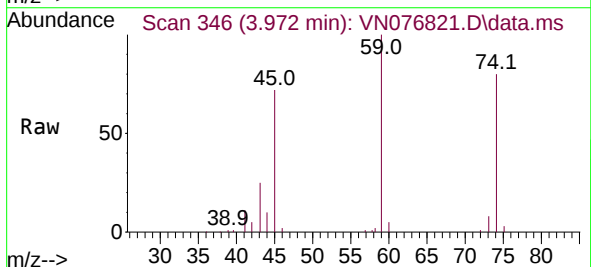
Manual Integrations  
 APPROVED

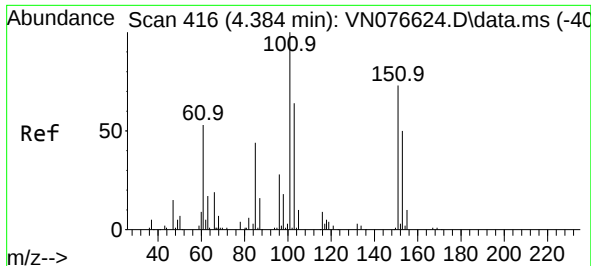
Reviewed By :John Carlone 02/28/2023  
 Supervised By :Mahesh Dadoda 02/28/2023



#8  
 Diethyl Ether  
 Concen: 52.340 ug/l  
 RT: 3.972 min Scan# 346  
 Delta R.T. -0.000 min  
 Lab File: VN076821.D  
 Acq: 27 Feb 2023 16:58

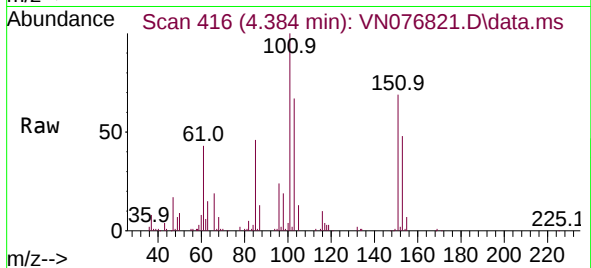
Tgt Ion: 74 Resp: 97179  
 Ion Ratio Lower Upper  
 74 100  
 45 102.6 51.3 153.9





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.494 ug/l  
RT: 4.384 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

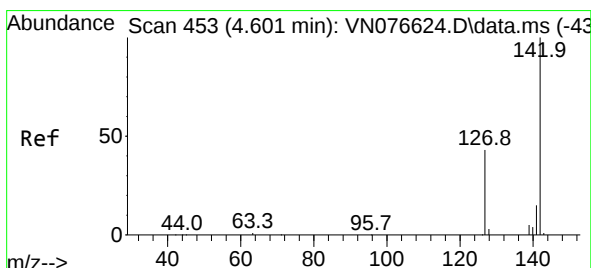
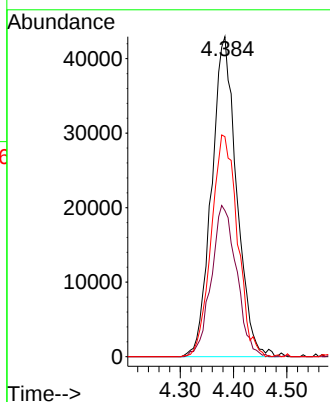
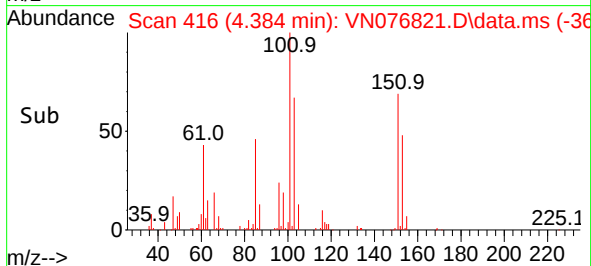
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:101 Resp: 140120  
Ion Ratio Lower Upper  
101 100  
85 47.6 37.4 56.0  
151 72.5 58.7 88.1

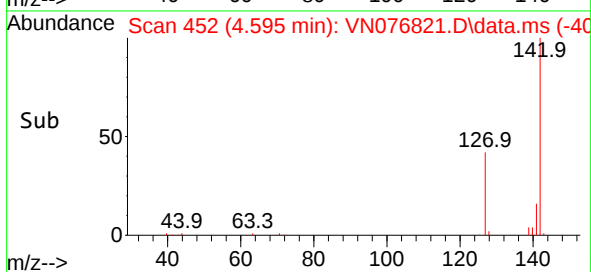
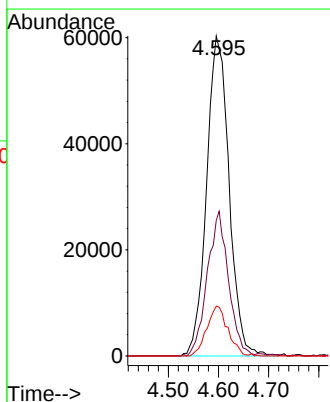
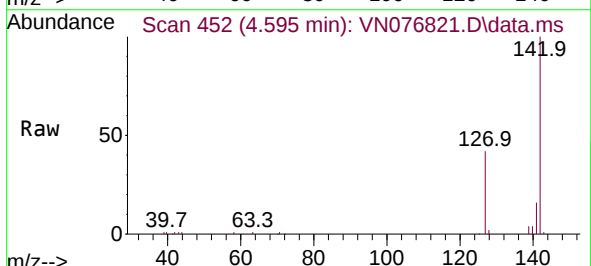
Manual Integrations  
APPROVED

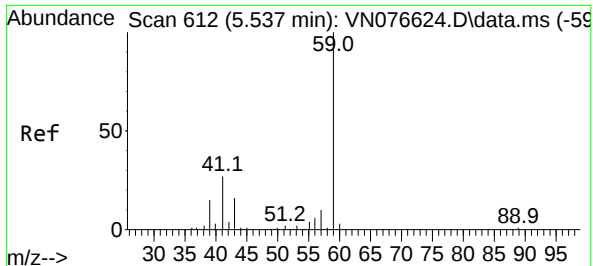
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#10  
Methyl Iodide  
Concen: 53.775 ug/l  
RT: 4.595 min Scan# 452  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion:142 Resp: 188014  
Ion Ratio Lower Upper  
142 100  
127 42.4 34.6 51.8  
141 15.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 271.737 ug/l

RT: 5.525 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 12864

Ion Ratio Lower Upper

59 100

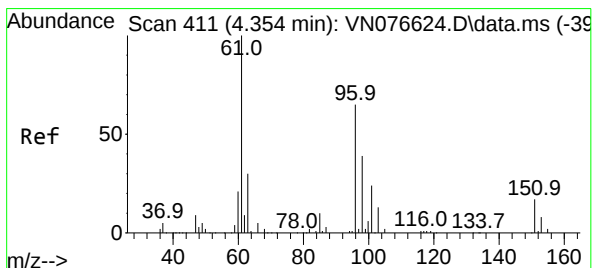
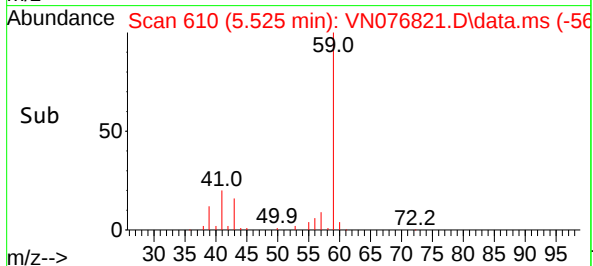
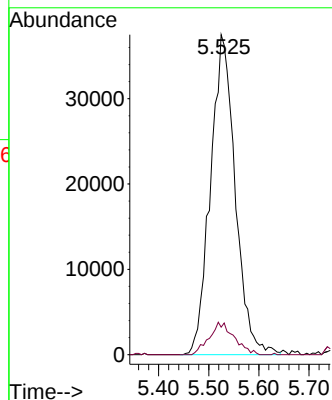
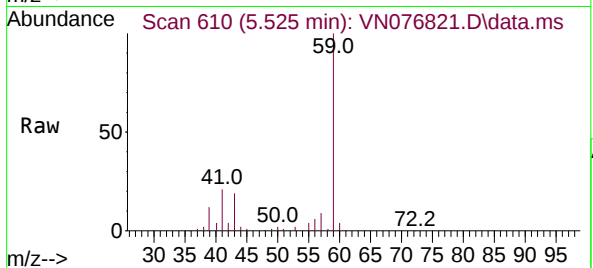
57 10.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#12

1,1-Dichloroethene

Concen: 47.056 ug/l

RT: 4.348 min Scan# 410

Delta R.T. -0.006 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

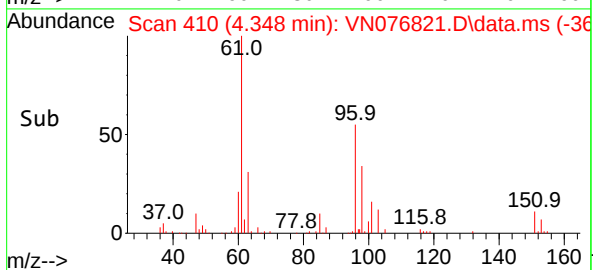
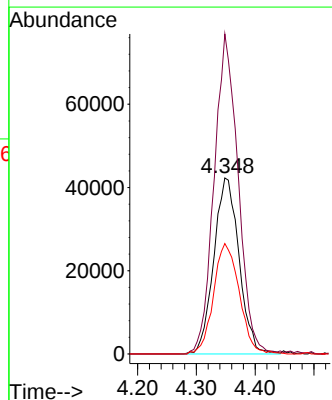
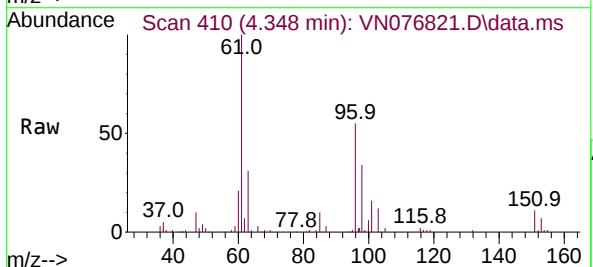
Tgt Ion: 96 Resp: 126153

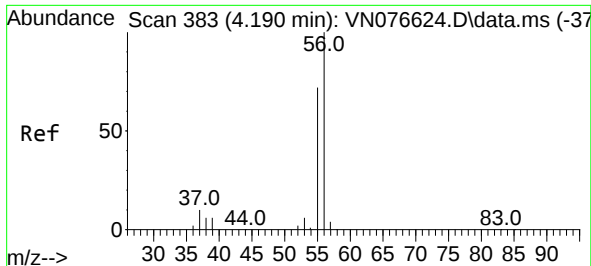
Ion Ratio Lower Upper

96 100

61 181.8 123.8 185.6

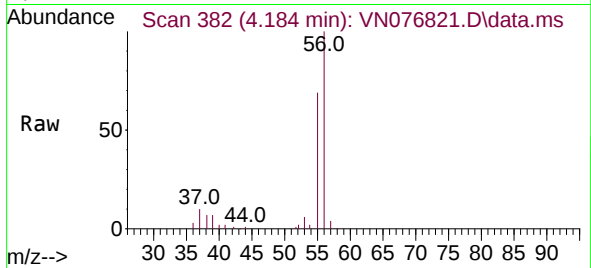
98 62.7 48.4 72.6





#13  
Acrolein  
Concen: 252.103 ug/l  
RT: 4.184 min Scan# 382  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

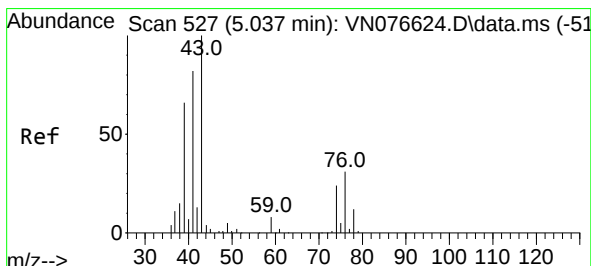
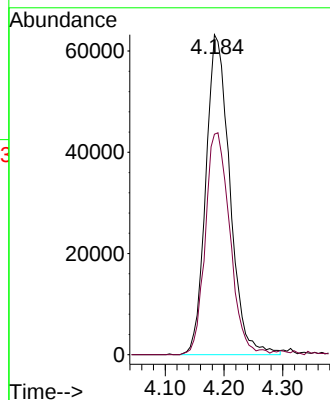
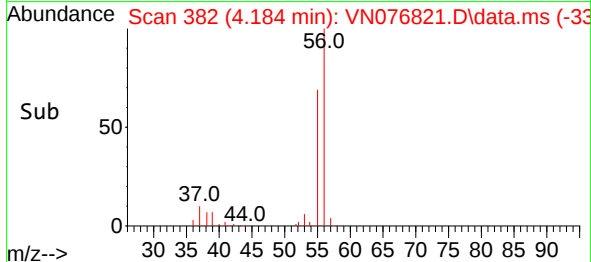
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 179180  
Ion Ratio Lower Upper  
56 100  
55 71.0 56.3 84.5

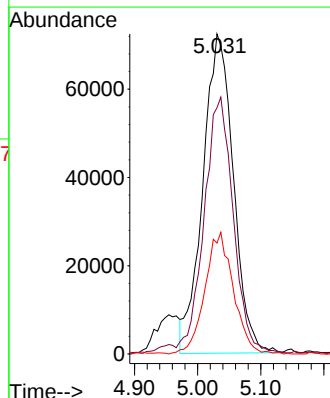
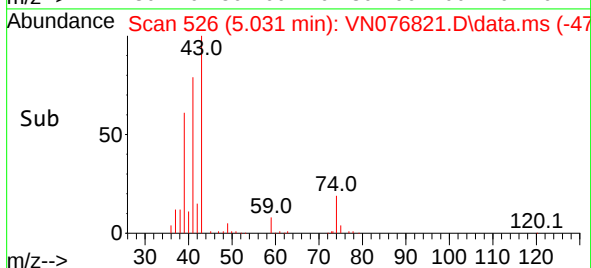
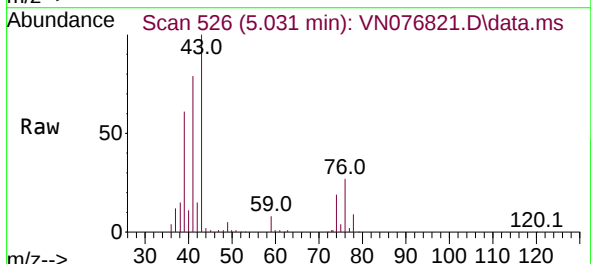
Manual Integrations  
APPROVED

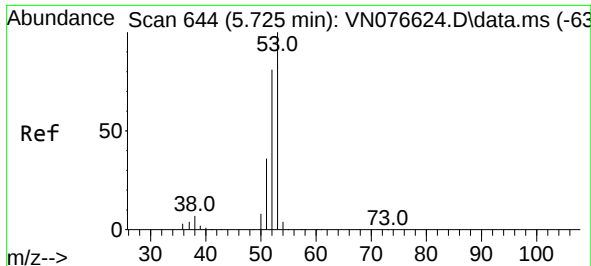
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#14  
Allyl chloride  
Concen: 52.221 ug/l  
RT: 5.031 min Scan# 526  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

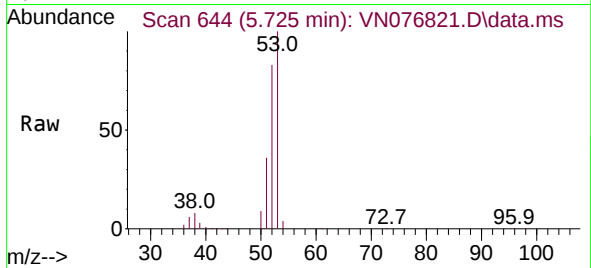
Tgt Ion: 41 Resp: 242582  
Ion Ratio Lower Upper  
41 100  
39 76.6 62.3 93.5  
76 35.7 27.0 40.6





#15  
Acrylonitrile  
Concen: 271.604 ug/l  
RT: 5.725 min Scan# 644  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

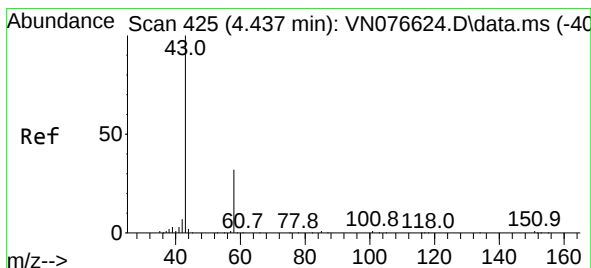
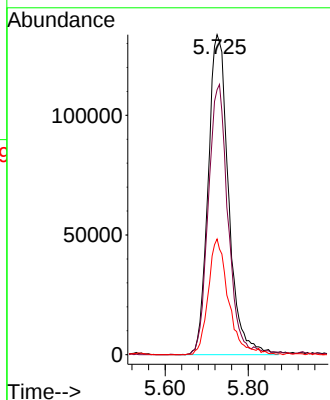
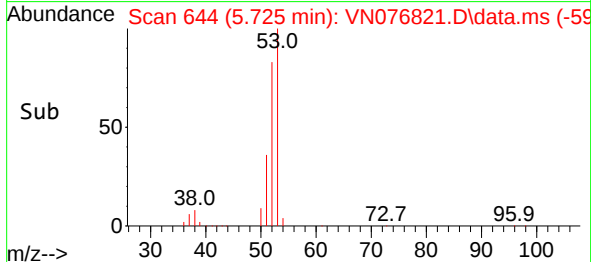
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 53 Resp: 456329  
Ion Ratio Lower Upper  
53 100  
52 80.5 65.3 97.9  
51 35.9 29.2 43.8

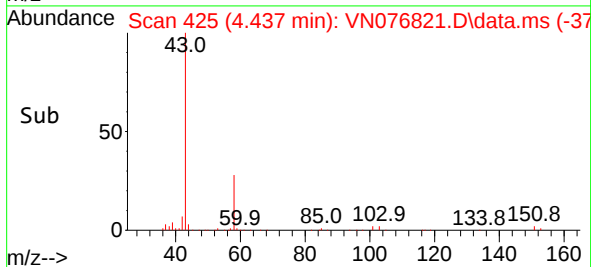
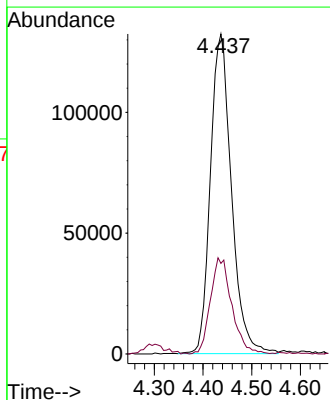
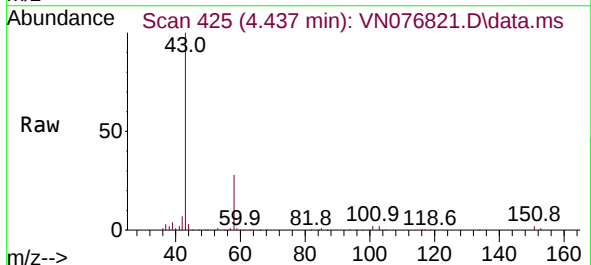
Manual Integrations  
APPROVED

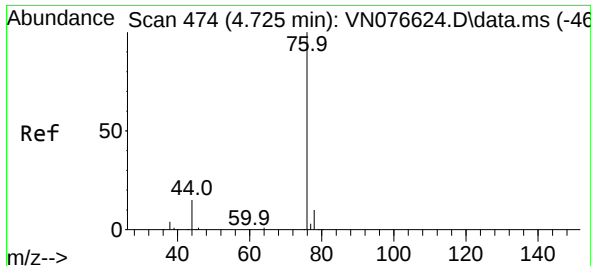
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#16  
Acetone  
Concen: 247.729 ug/l  
RT: 4.437 min Scan# 425  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

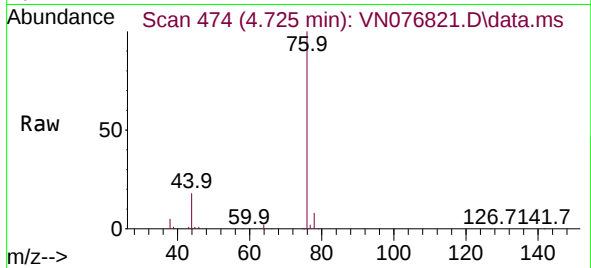
Tgt Ion: 43 Resp: 396880  
Ion Ratio Lower Upper  
43 100  
58 27.9 25.9 38.9





#17  
Carbon Disulfide  
Concen: 43.776 ug/l  
RT: 4.725 min Scan# 474  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

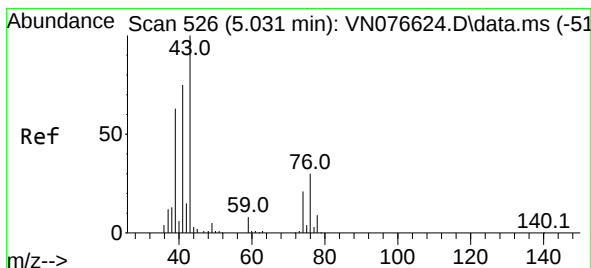
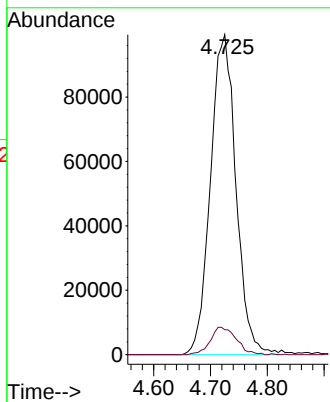
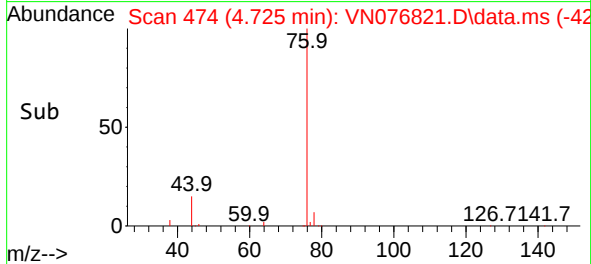
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 309868  
Ion Ratio Lower Upper  
76 100  
78 7.8 7.8 11.8

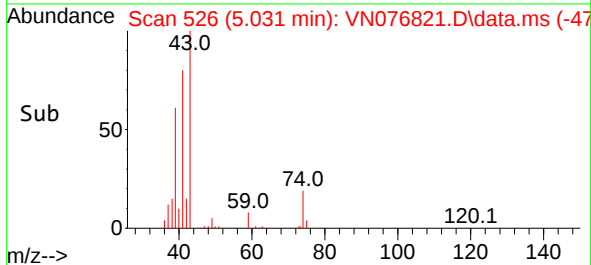
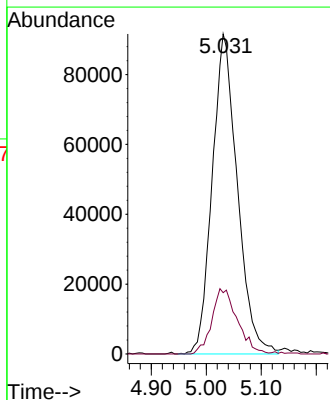
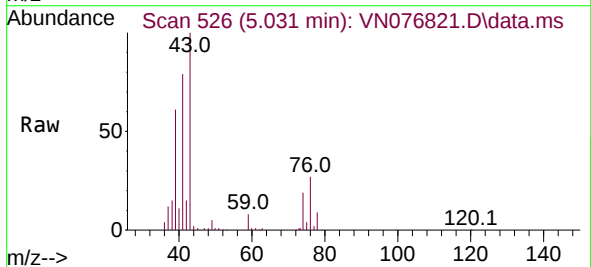
Manual Integrations  
APPROVED

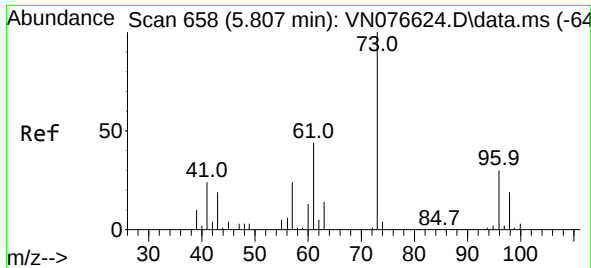
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#18  
Methyl Acetate  
Concen: 55.645 ug/l  
RT: 5.031 min Scan# 526  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion: 43 Resp: 290991  
Ion Ratio Lower Upper  
43 100  
74 20.6 17.7 26.5





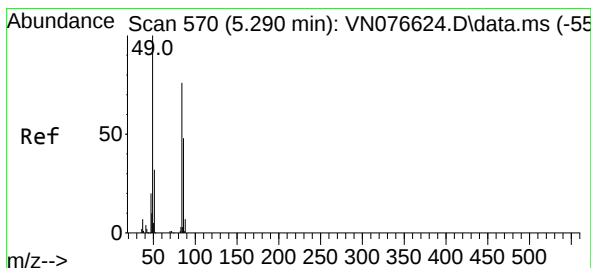
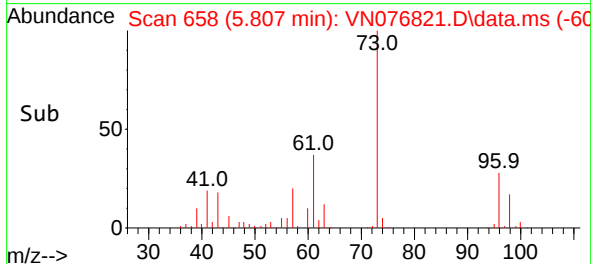
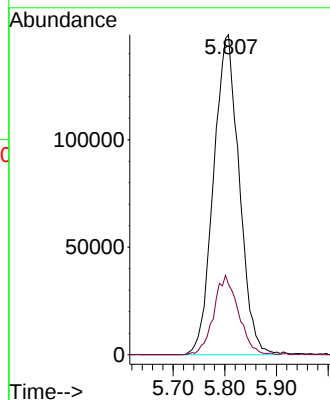
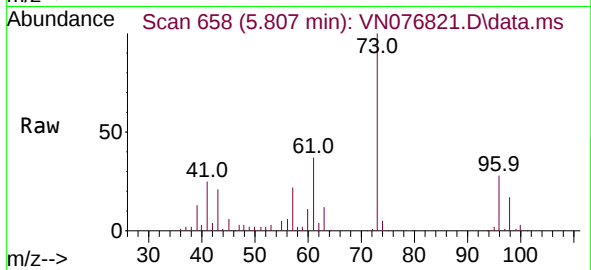
#19  
Methyl tert-butyl Ether  
Concen: 56.754 ug/l  
RT: 5.807 min Scan# 610  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 512978  
Ion Ratio Lower Upper  
73 100  
57 22.0 19.0 28.4

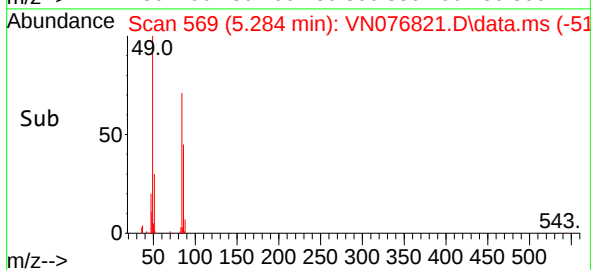
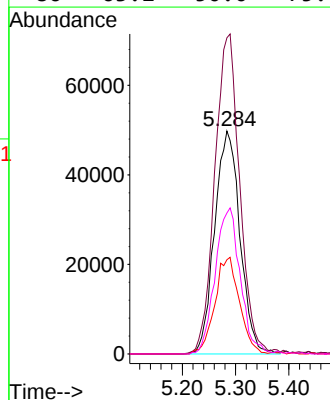
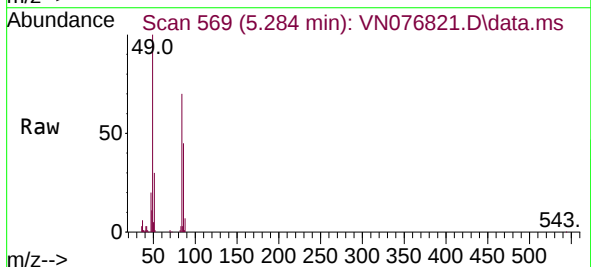
Manual Integrations  
APPROVED

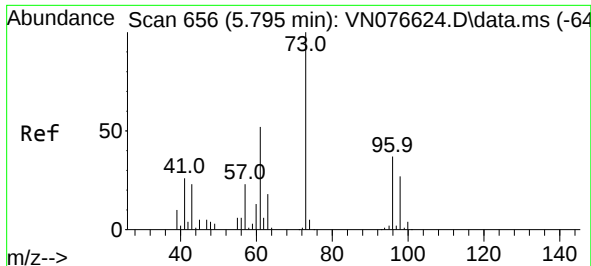
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#20  
Methylene Chloride  
Concen: 49.167 ug/l  
RT: 5.284 min Scan# 569  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

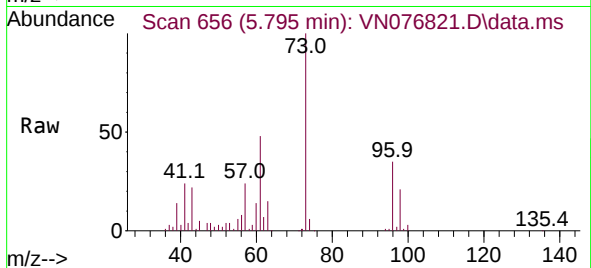
Tgt Ion: 84 Resp: 165087  
Ion Ratio Lower Upper  
84 100  
49 141.9 104.9 157.3  
51 42.3 33.8 50.8  
86 63.2 50.0 75.0





#21  
trans-1,2-Dichloroethene  
Concen: 48.785 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

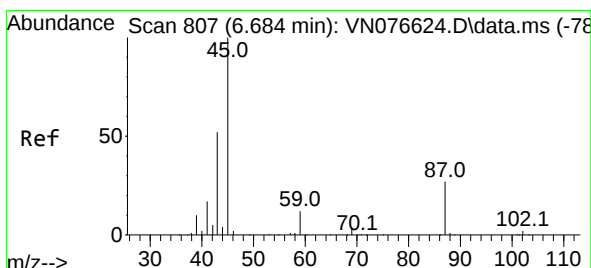
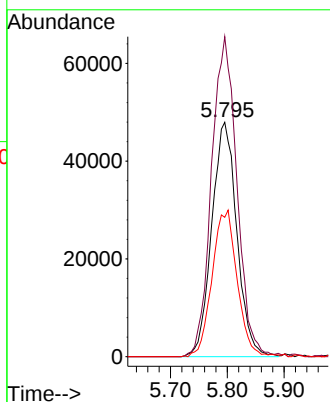
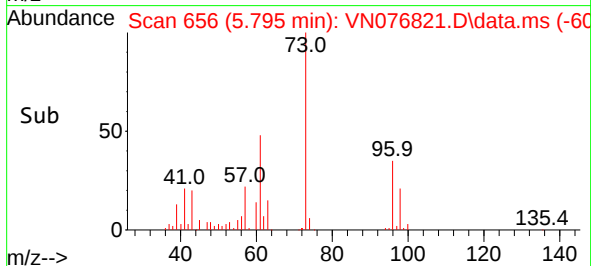
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



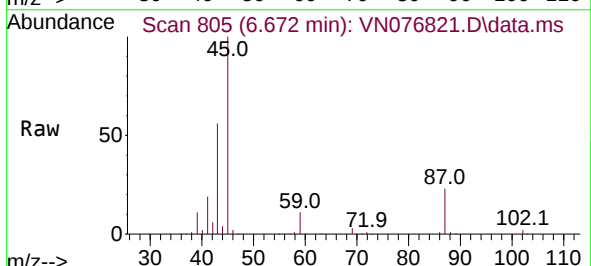
Tgt Ion: 96 Resp: 14722  
Ion Ratio Lower Upper  
96 100  
61 136.5 113.9 170.9  
98 59.4 59.4 89.0

Manual Integrations  
APPROVED

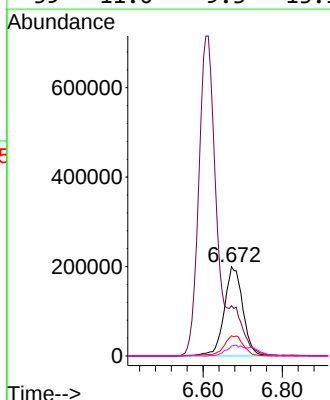
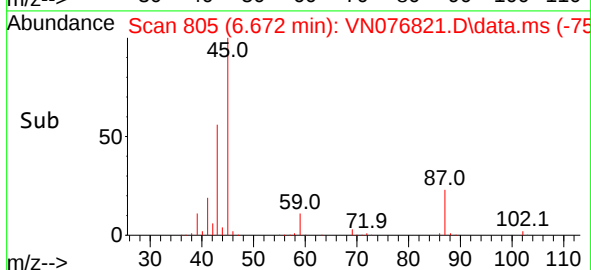
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023

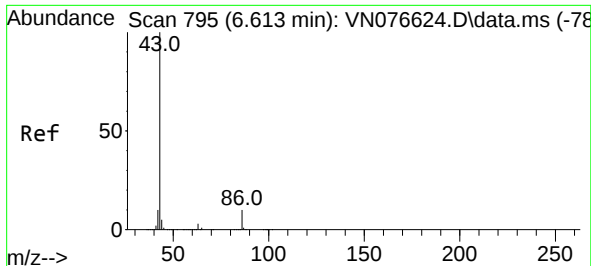


#22  
Diisopropyl ether  
Concen: 59.618 ug/l  
RT: 6.672 min Scan# 805  
Delta R.T. -0.012 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58



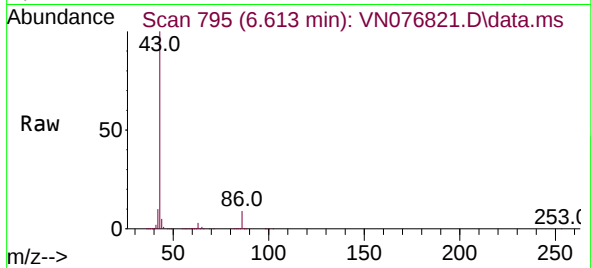
Tgt Ion: 45 Resp: 649556  
Ion Ratio Lower Upper  
45 100  
43 56.1 41.8 62.6  
87 22.6 21.8 32.8  
59 11.0 9.3 13.9





#23  
 Vinyl Acetate  
 Concen: 333.467 ug/l  
 RT: 6.613 min Scan# 795  
 Delta R.T. -0.000 min  
 Lab File: VN076821.D  
 Acq: 27 Feb 2023 16:58

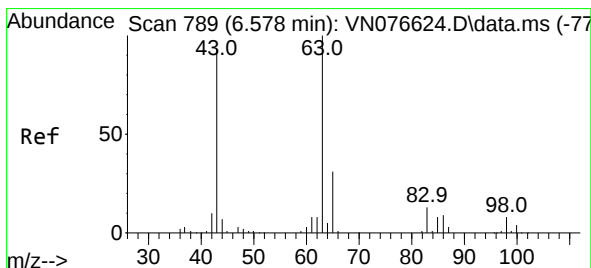
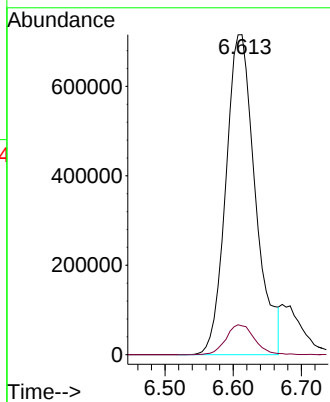
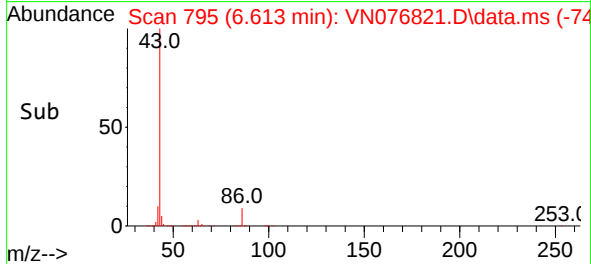
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



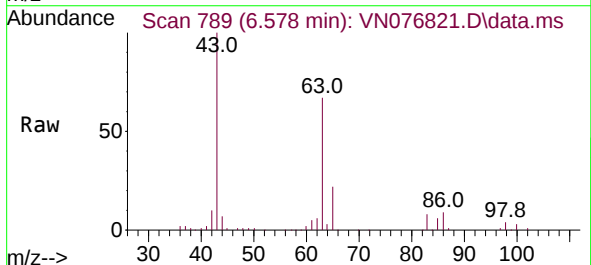
Tgt Ion: 43 Resp: 2149660  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 8.2 12.2

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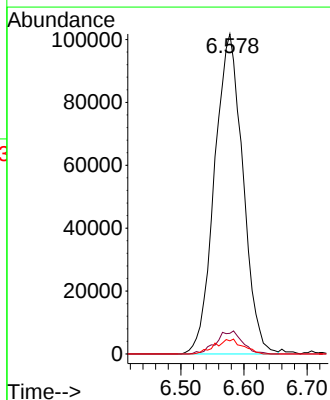
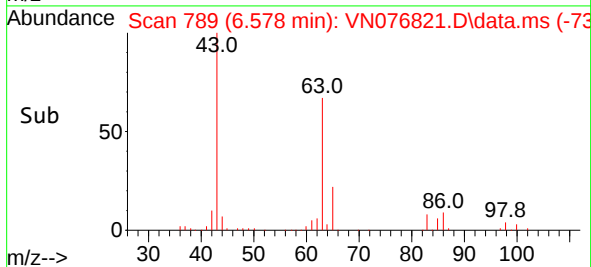
Reviewed By :John Carlone 02/28/2023  
 Supervised By :Mahesh Dadoda 02/28/2023

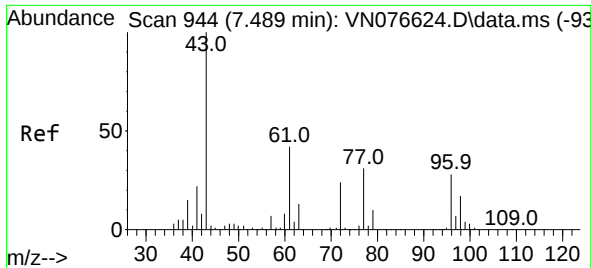


#24  
 1,1-Dichloroethane  
 Concen: 53.060 ug/l  
 RT: 6.578 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VN076821.D  
 Acq: 27 Feb 2023 16:58



Tgt Ion: 63 Resp: 316835  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 4.1 12.3  
 100 4.1 2.0 5.8





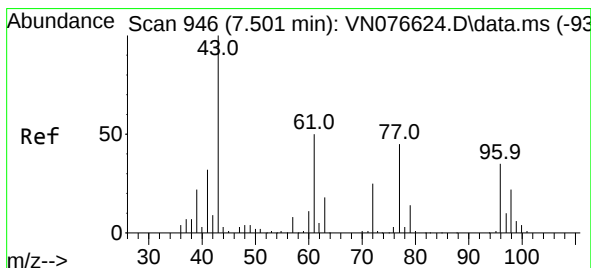
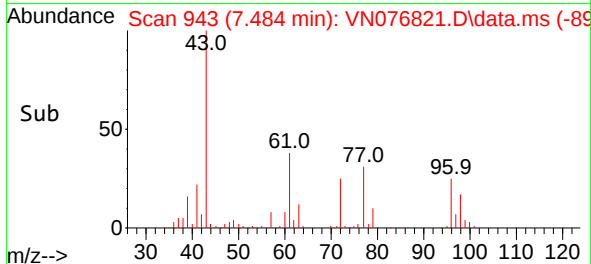
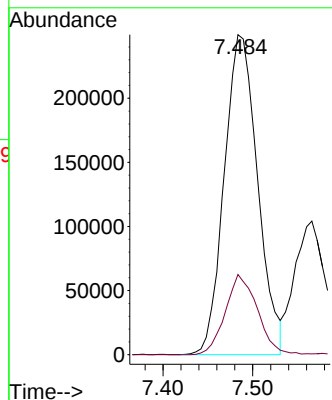
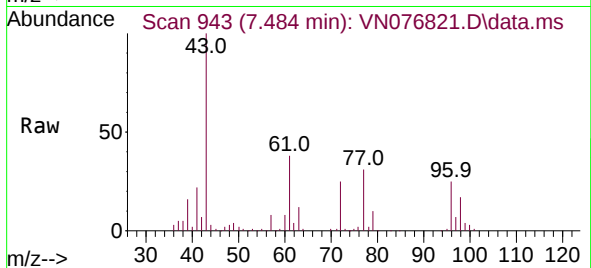
#25  
2-Butanone  
Concen: 273.332 ug/l  
RT: 7.484 min Scan# 943  
Delta R.T. -0.005 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 64593  
Ion Ratio Lower Upper  
43 100  
72 25.1 19.4 29.2

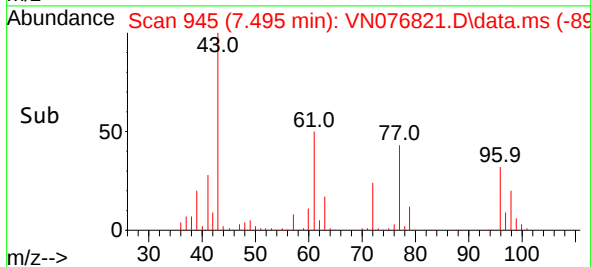
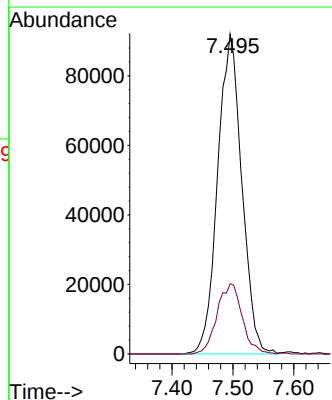
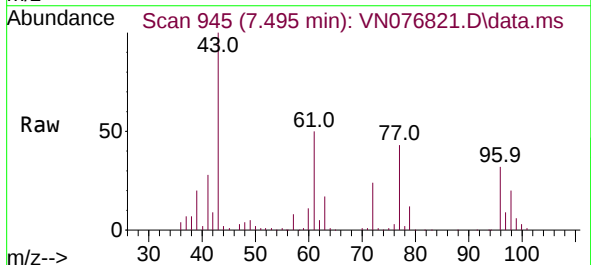
Manual Integrations  
APPROVED

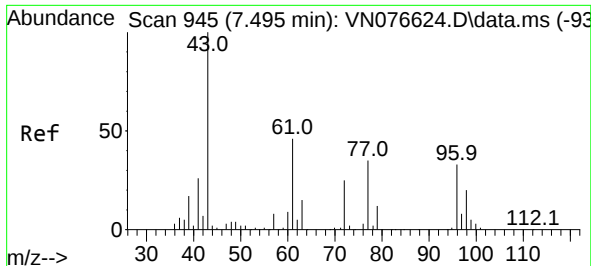
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#26  
2,2-Dichloropropane  
Concen: 58.869 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

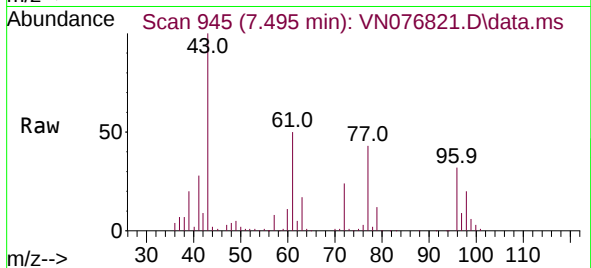
Tgt Ion: 77 Resp: 253552  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.9 35.7





#27  
 cis-1,2-Dichloroethene  
 Concen: 51.714 ug/l  
 RT: 7.495 min Scan# 945  
 Delta R.T. 0.000 min  
 Lab File: VN076821.D  
 Acq: 27 Feb 2023 16:58

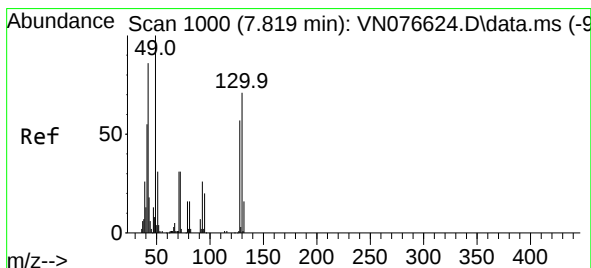
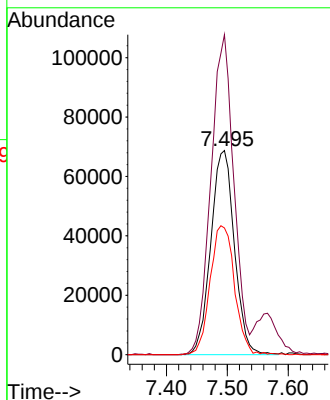
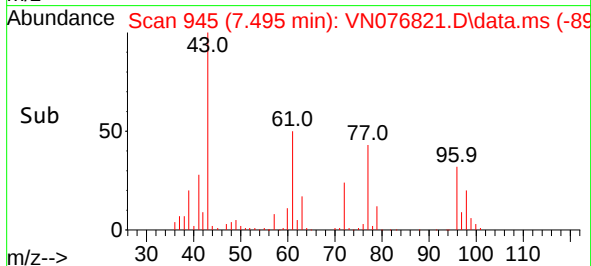
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion: 96 Resp: 18510  
 Ion Ratio Lower Upper  
 96 100  
 61 151.9 0.0 286.8  
 98 65.4 0.0 124.0

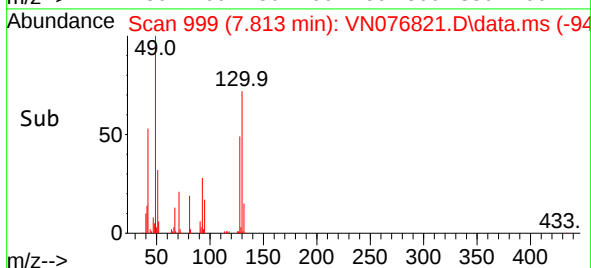
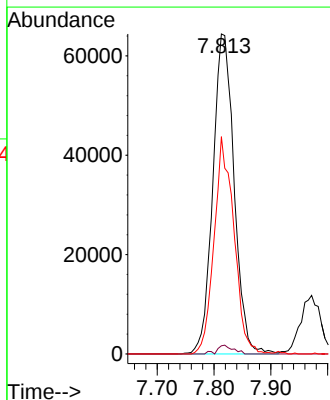
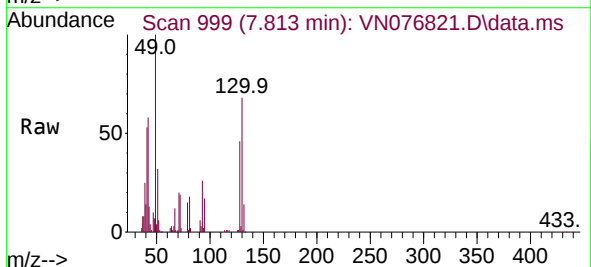
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 02/28/2023  
 Supervised By :Mahesh Dadoda 02/28/2023



#28  
 Bromochloromethane  
 Concen: 59.045 ug/l  
 RT: 7.813 min Scan# 999  
 Delta R.T. -0.006 min  
 Lab File: VN076821.D  
 Acq: 27 Feb 2023 16:58

Tgt Ion: 49 Resp: 167804  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.0  
 130 63.1 57.8 86.8





#29

Tetrahydrofuran

Concen: 280.867 ug/l

RT: 7.836 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 433654

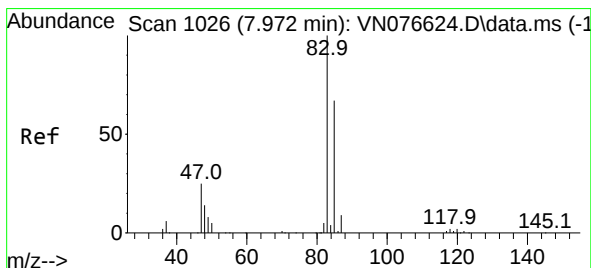
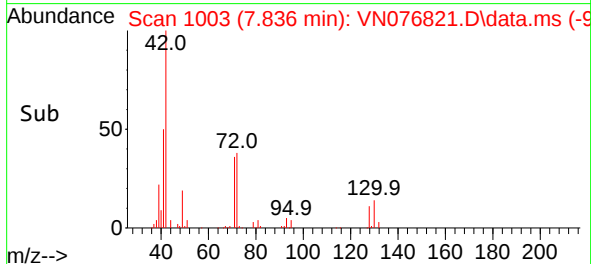
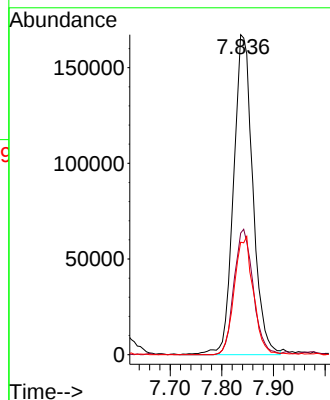
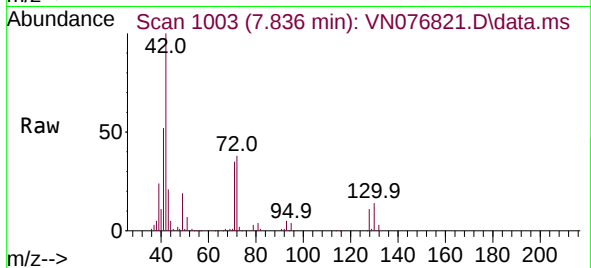
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 39.0  | 31.5  | 47.3  |
| 71  | 36.6  | 29.8  | 44.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Chloroform

Concen: 54.702 ug/l

RT: 7.966 min Scan# 1025

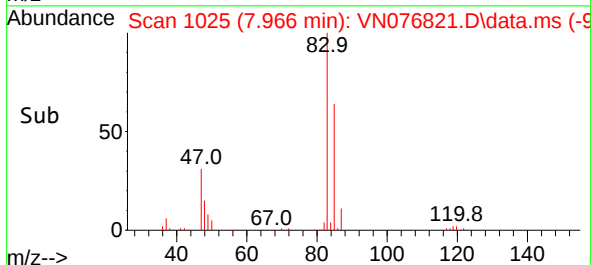
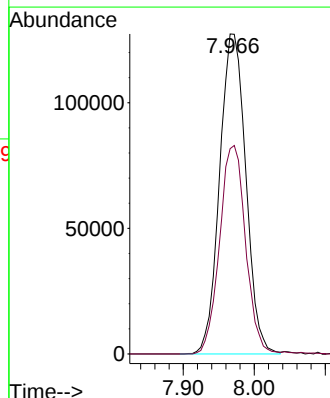
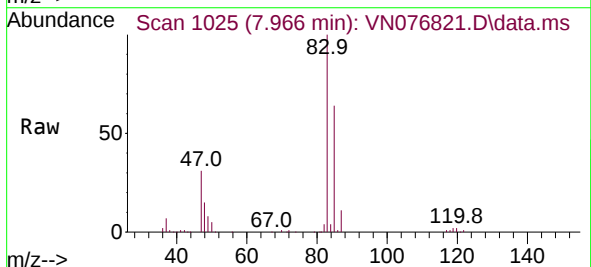
Delta R.T. -0.006 min

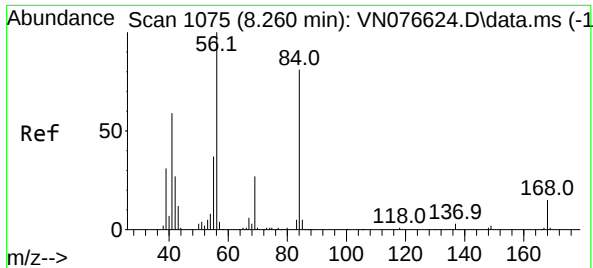
Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Tgt Ion: 83 Resp: 326354

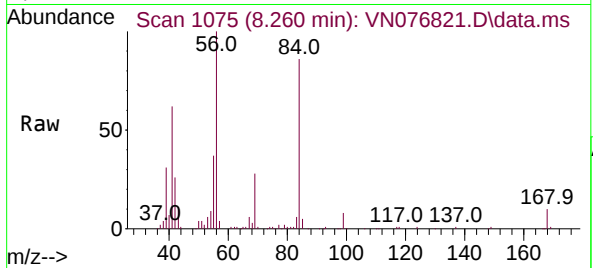
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.1  | 53.5  | 80.3  |





#31  
Cyclohexane  
Concen: 50.186 ug/l  
RT: 8.260 min Scan# 1075  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

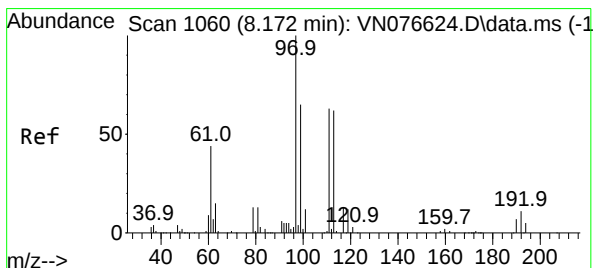
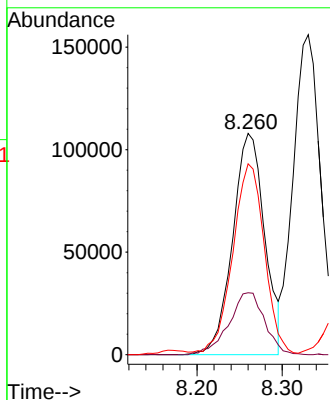
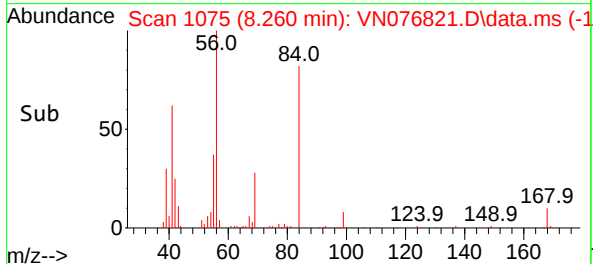
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 28234  
Ion Ratio Lower Upper  
56 100  
69 28.0 21.6 32.4  
84 84.5 65.1 97.7

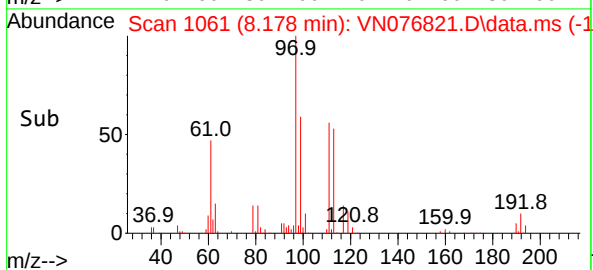
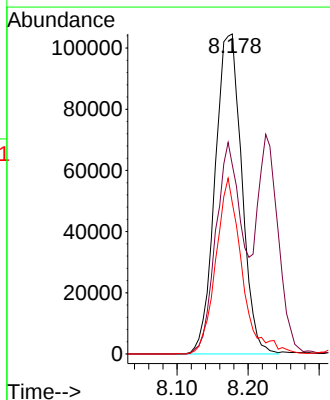
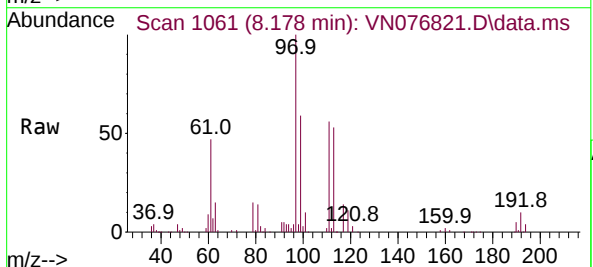
Manual Integrations  
APPROVED

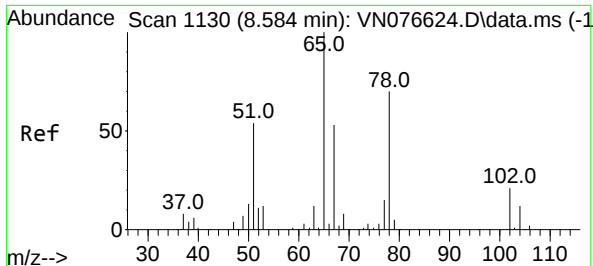
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#32  
1,1,1-Trichloroethane  
Concen: 54.386 ug/l  
RT: 8.178 min Scan# 1061  
Delta R.T. 0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion: 97 Resp: 272813  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.2 76.8  
61 53.5 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 53.763 ug/l

RT: 8.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 192825

Ion Ratio Lower Upper

65 100

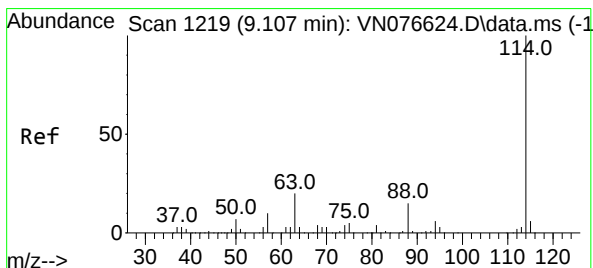
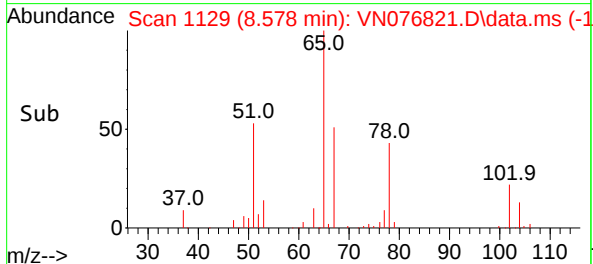
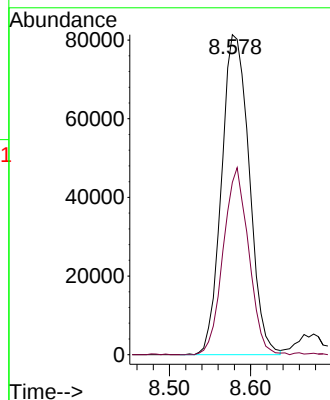
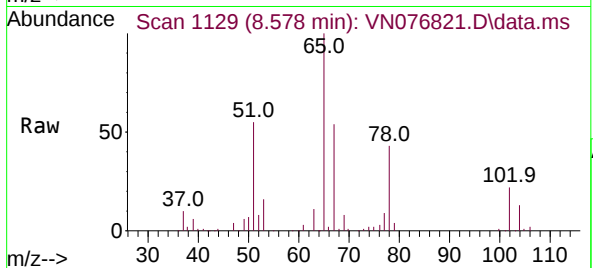
67 53.8 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

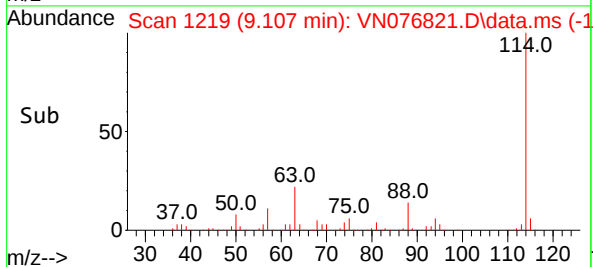
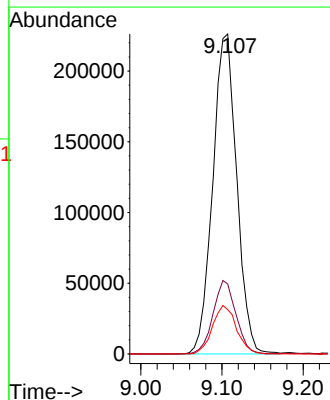
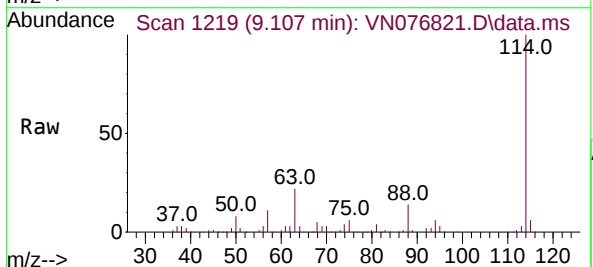
Tgt Ion:114 Resp: 464545

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 13.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.831 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

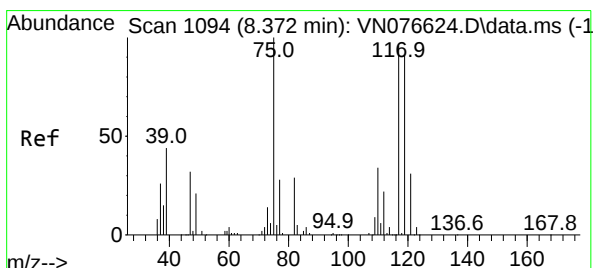
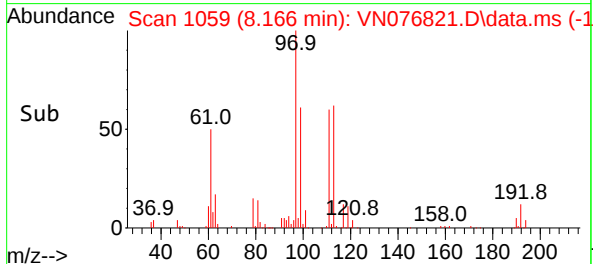
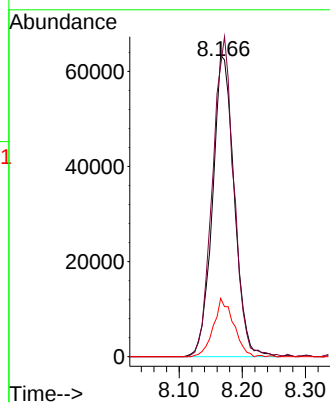
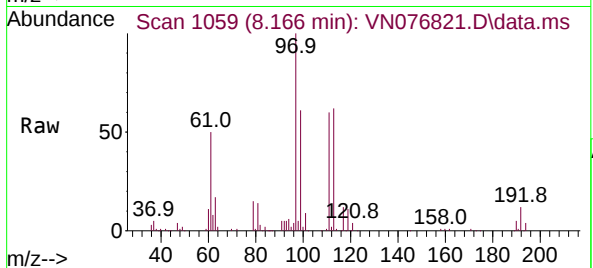
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 15159 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 104.7 | 83.1  | 124.7 |
| 192       | 17.9  | 15.6  | 23.4  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#36

1,1-Dichloropropene

Concen: 55.419 ug/l

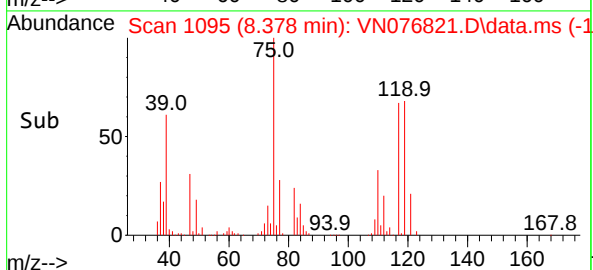
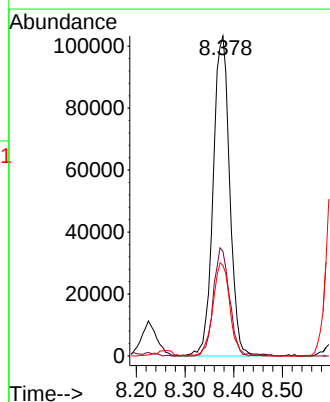
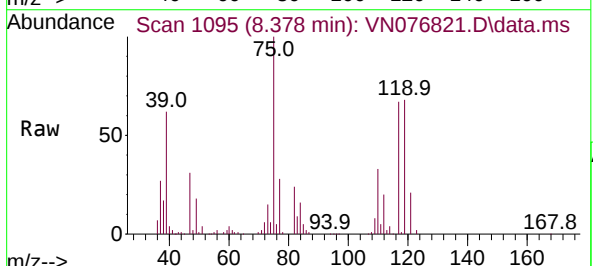
RT: 8.378 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 243591 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 32.8  | 17.5  | 52.5   |
| 77        | 29.6  | 24.5  | 36.7   |





#37

Ethyl Acetate

Concen: 56.687 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 262158

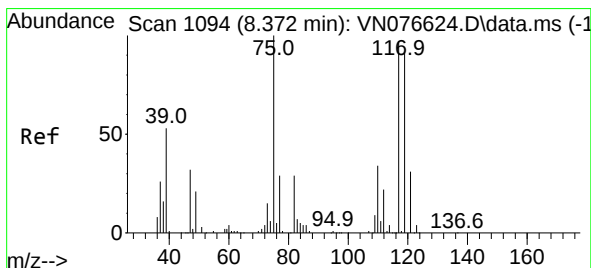
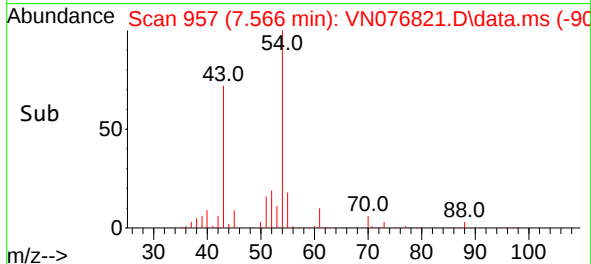
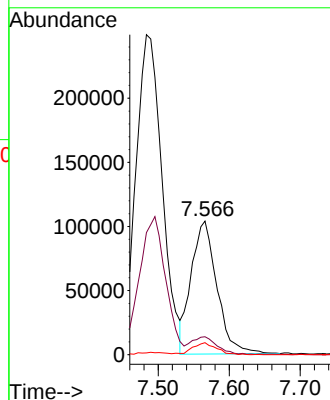
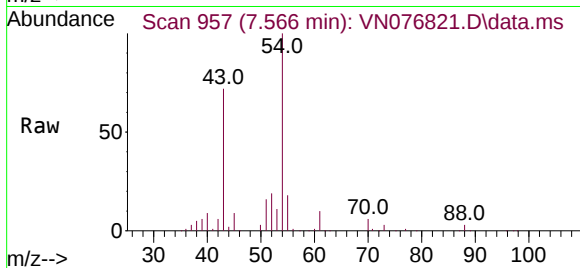
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.2  | 9.9   | 14.9  |
| 70  | 8.1   | 7.8   | 11.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#38

Carbon Tetrachloride

Concen: 52.059 ug/l

RT: 8.366 min Scan# 1093

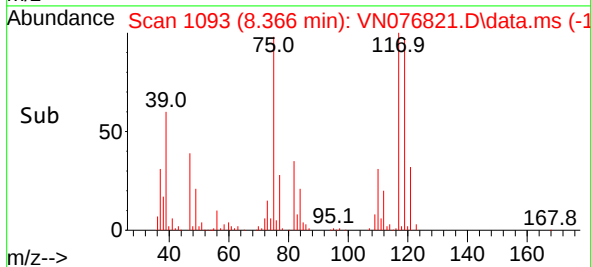
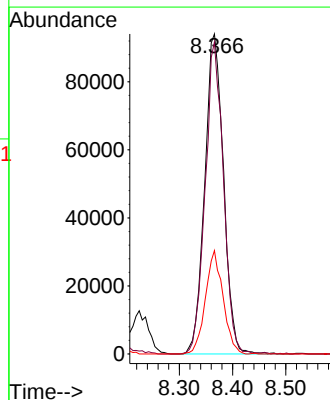
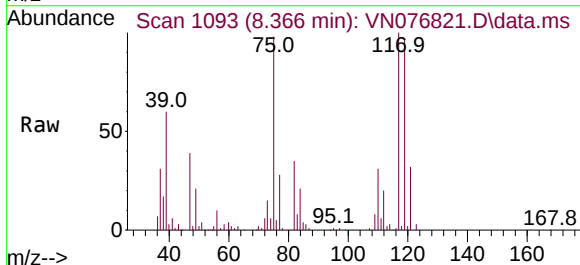
Delta R.T. -0.006 min

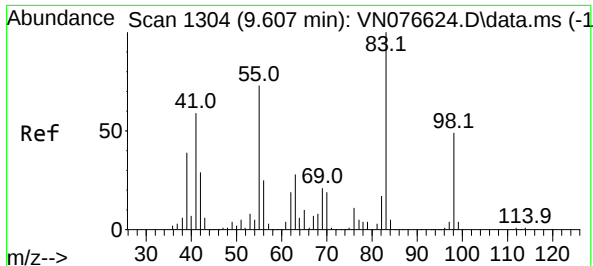
Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Tgt Ion:117 Resp: 230834

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.5  | 75.4  | 113.0 |
| 121 | 32.3  | 26.0  | 39.0  |





#39

Methylcyclohexane

Concen: 55.458 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 277080

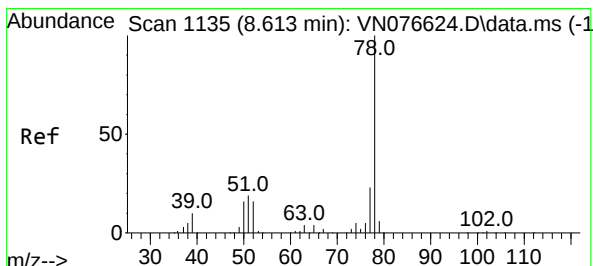
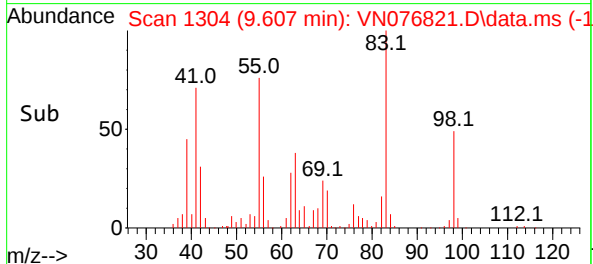
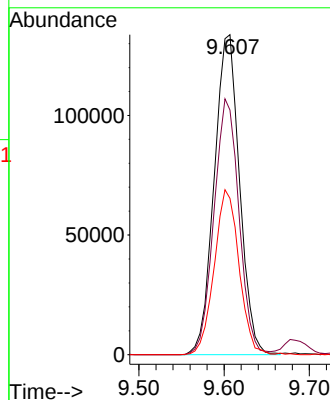
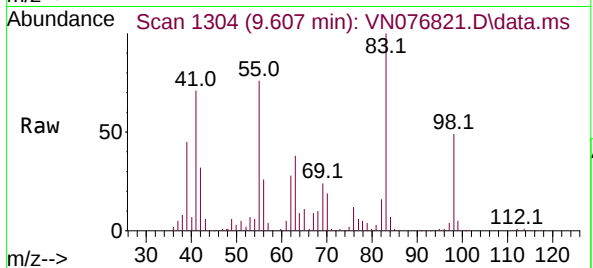
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 76.5  | 58.6  | 88.0  |
| 98  | 48.9  | 39.4  | 59.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Benzene

Concen: 55.371 ug/l

RT: 8.607 min Scan# 1134

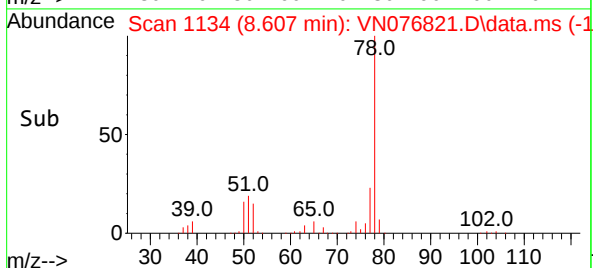
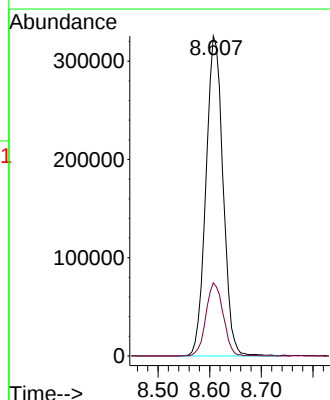
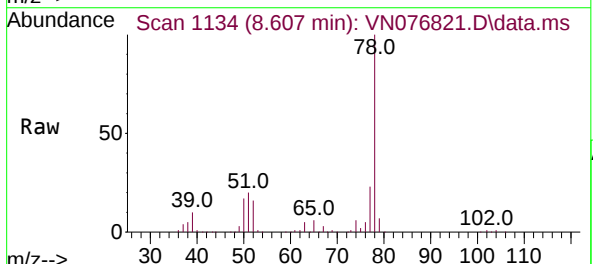
Delta R.T. -0.006 min

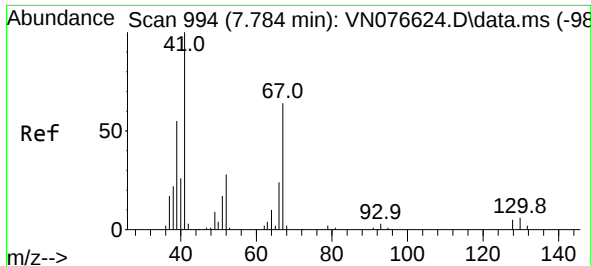
Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Tgt Ion: 78 Resp: 747413

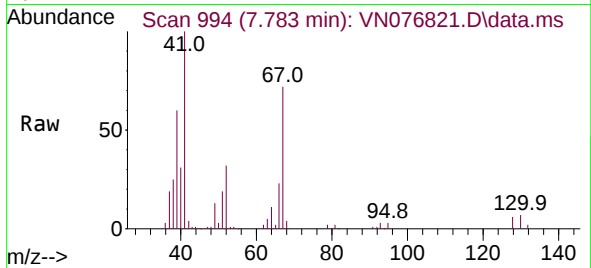
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 22.8  | 18.2  | 27.4  |





#41  
Methacrylonitrile  
Concen: 55.448 ug/l  
RT: 7.783 min Scan# 994  
Delta R.T. -0.001 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

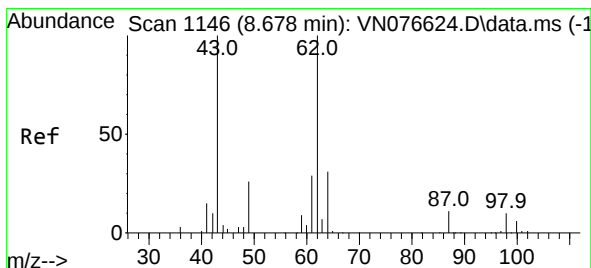
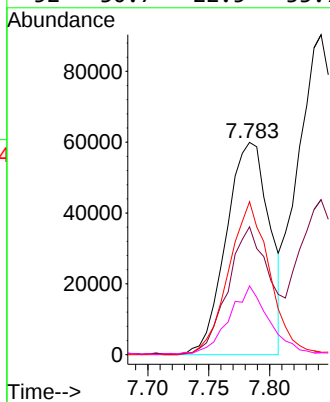
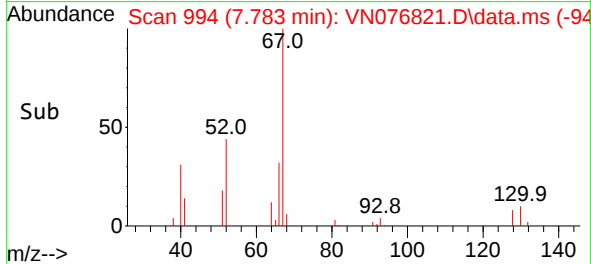
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



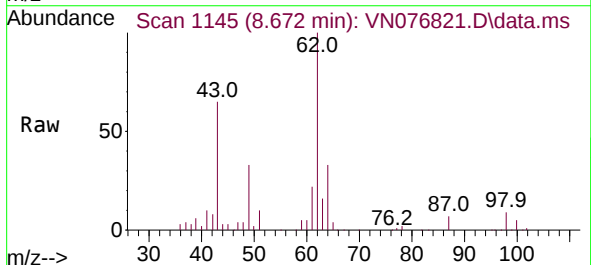
Tgt Ion: 41 Resp: 14855  
Ion Ratio Lower Upper  
41 100  
39 59.8 42.6 63.8  
67 68.6 51.4 77.0  
52 30.7 22.5 33.7

Manual Integrations  
APPROVED

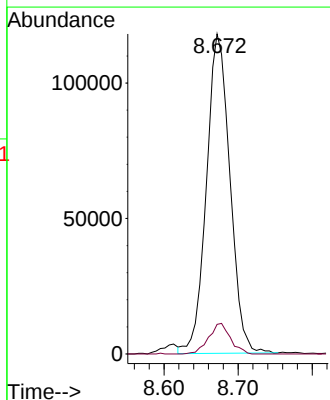
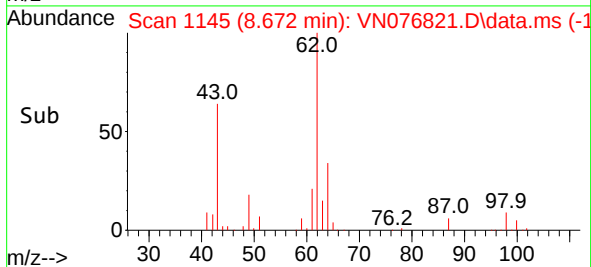
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023

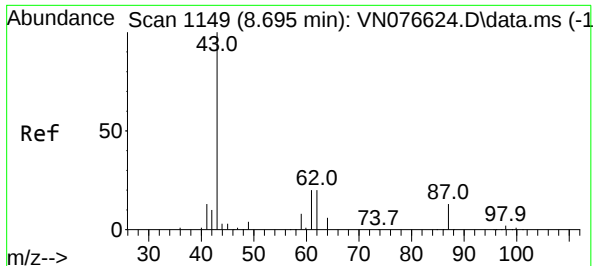


#42  
1,2-Dichloroethane  
Concen: 55.217 ug/l  
RT: 8.672 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58



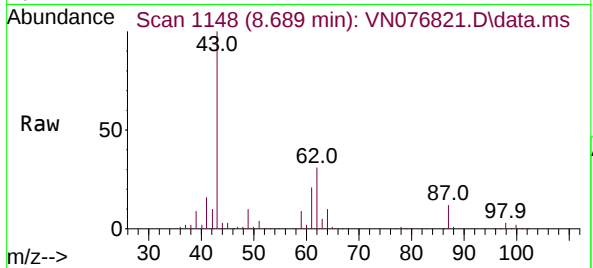
Tgt Ion: 62 Resp: 259951  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 19.2





#43  
Isopropyl Acetate  
Concen: 59.707 ug/l  
RT: 8.689 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

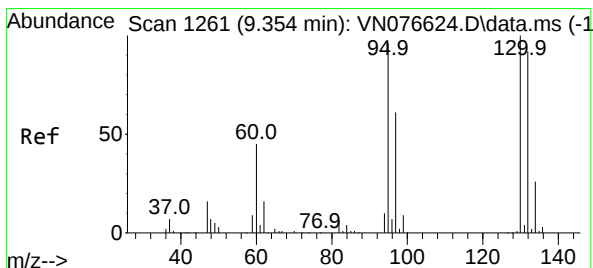
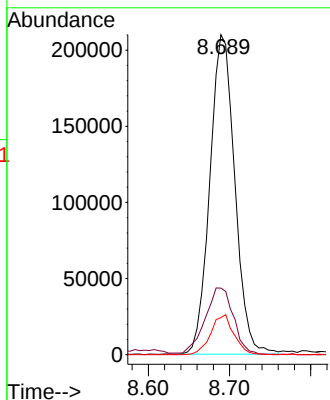
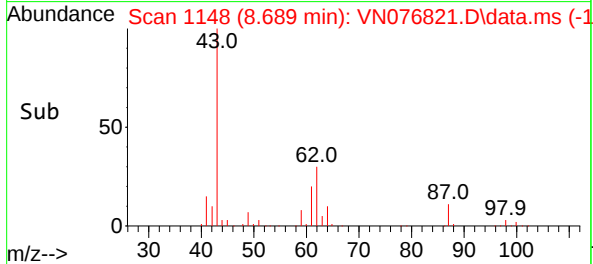
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 44931  
Ion Ratio Lower Upper  
43 100  
61 23.7 20.0 30.0  
87 11.6 9.9 14.9

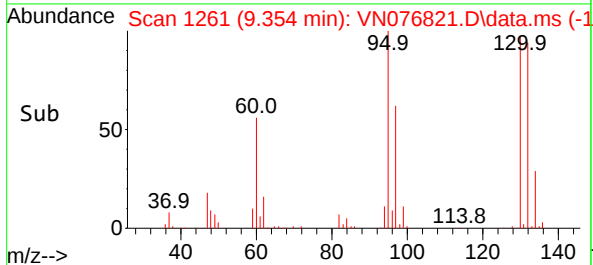
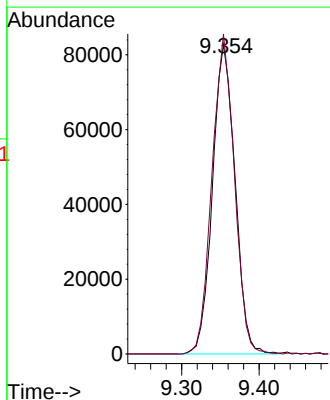
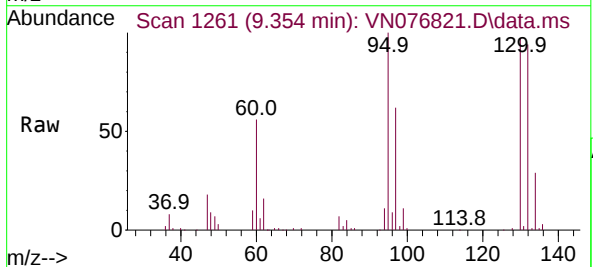
Manual Integrations  
APPROVED

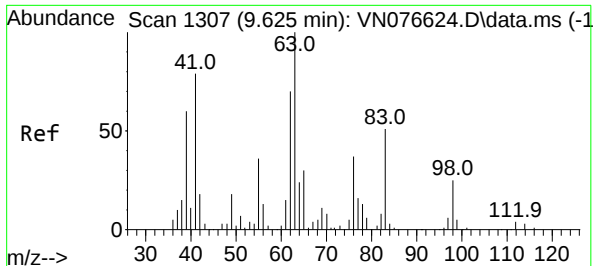
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#44  
Trichloroethene  
Concen: 52.472 ug/l  
RT: 9.354 min Scan# 1261  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion:130 Resp: 167376  
Ion Ratio Lower Upper  
130 100  
95 103.4 0.0 191.4





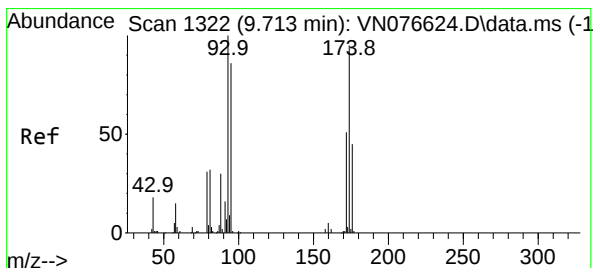
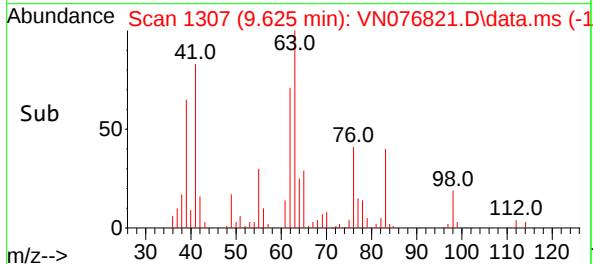
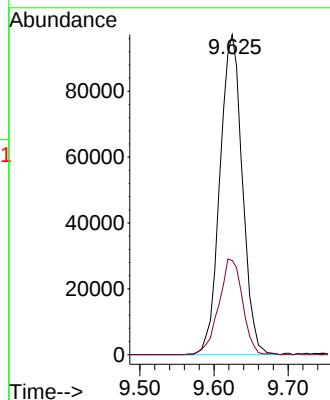
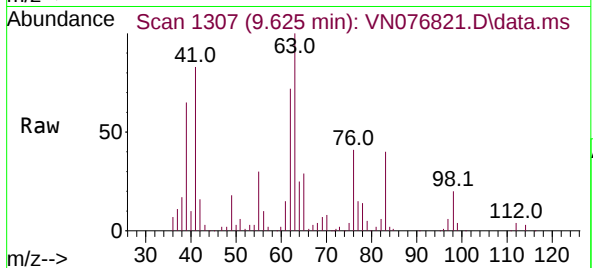
#45  
1,2-Dichloropropane  
Concen: 57.114 ug/l  
RT: 9.625 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 63 Resp: 20408  
Ion Ratio Lower Upper  
63 100  
65 29.4 24.2 36.2

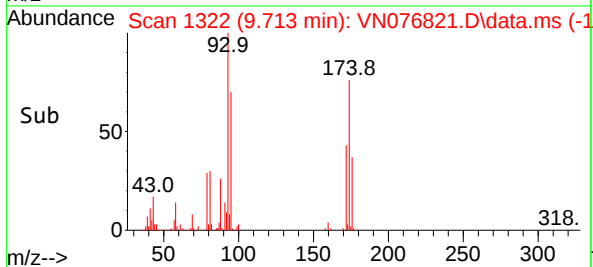
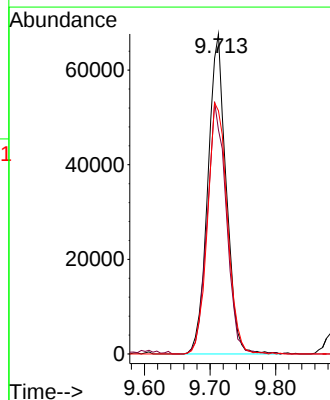
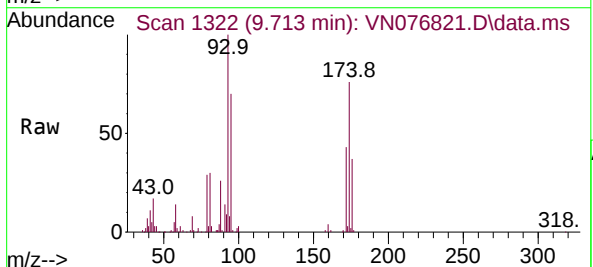
Manual Integrations  
APPROVED

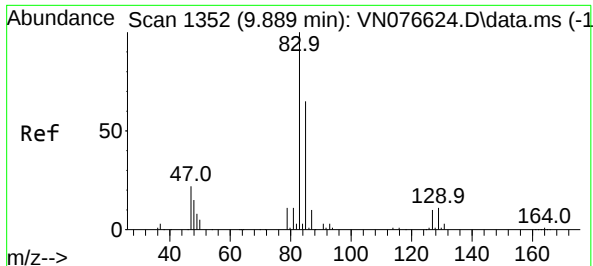
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#46  
Dibromomethane  
Concen: 57.478 ug/l  
RT: 9.713 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

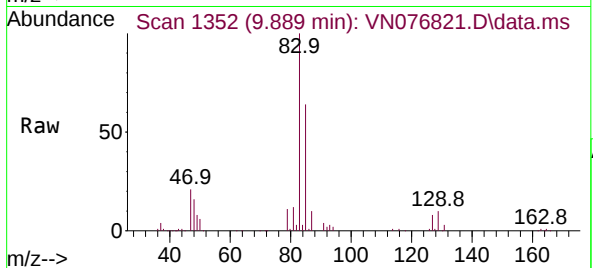
Tgt Ion: 93 Resp: 131303  
Ion Ratio Lower Upper  
93 100  
95 82.2 66.0 99.0  
174 84.9 75.8 113.8





#47  
Bromodichloromethane  
Concen: 59.482 ug/l  
RT: 9.889 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

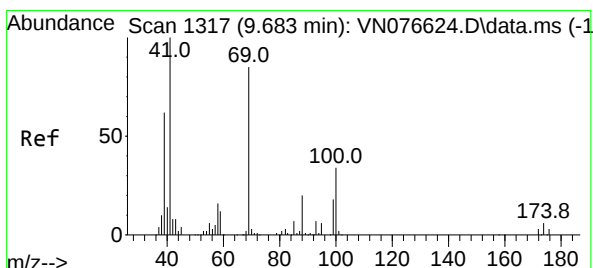
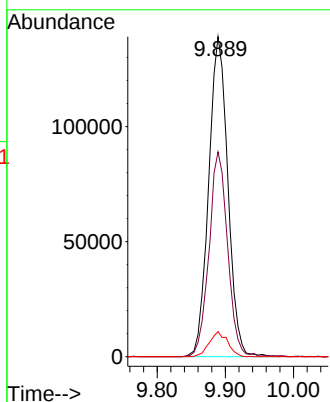
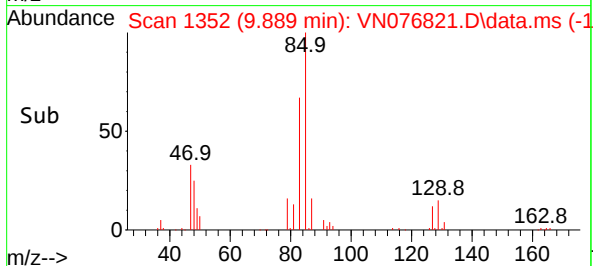
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 83 Resp: 272425  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.8 77.6  
127 7.9 7.9 11.9

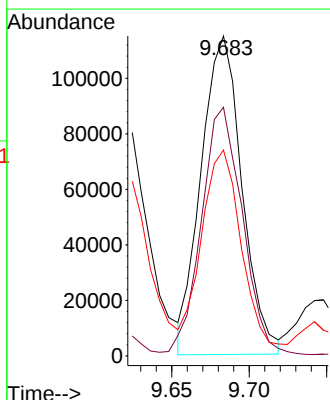
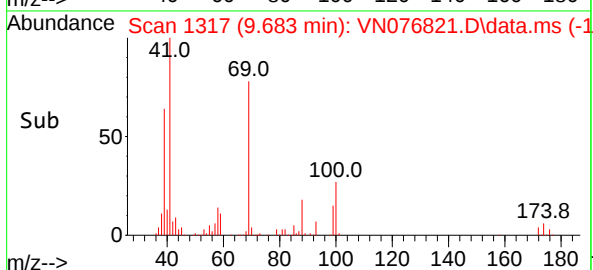
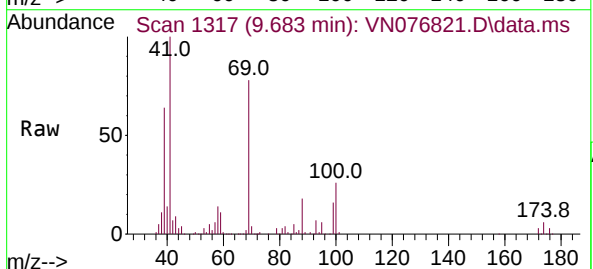
Manual Integrations  
APPROVED

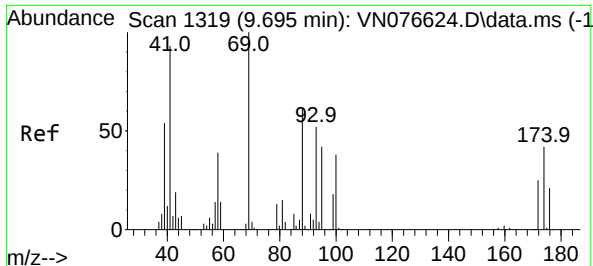
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#48  
Methyl methacrylate  
Concen: 58.910 ug/l  
RT: 9.683 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion: 41 Resp: 210365  
Ion Ratio Lower Upper  
41 100  
69 78.1 65.4 98.0  
39 64.7 49.3 73.9





#49

1,4-Dioxane

Concen: 1157.463 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 71498

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8

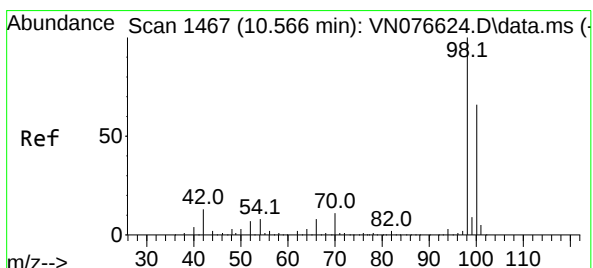
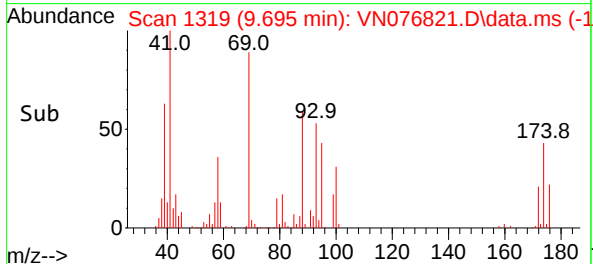
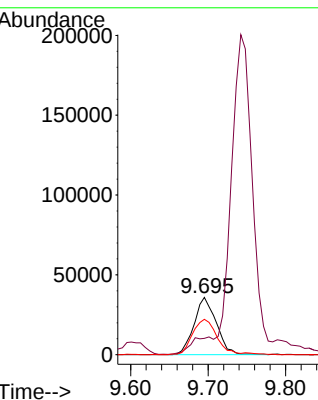
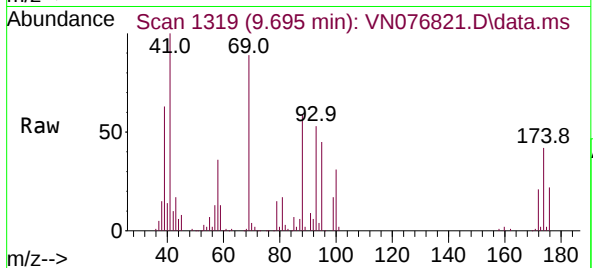
58 66.8 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#50

Toluene-d8

Concen: 54.473 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN076821.D

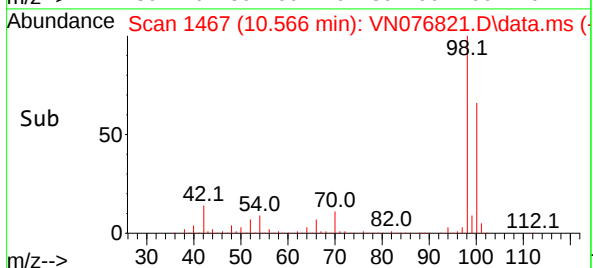
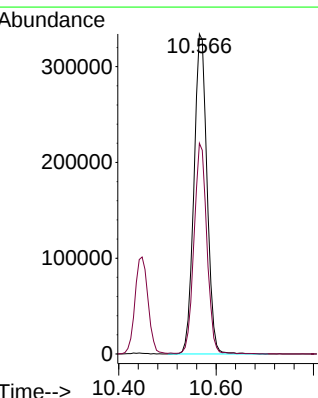
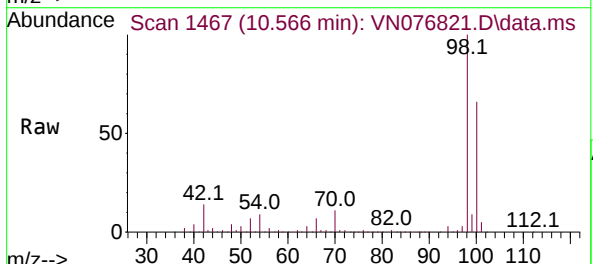
Acq: 27 Feb 2023 16:58

Tgt Ion: 98 Resp: 618881

Ion Ratio Lower Upper

98 100

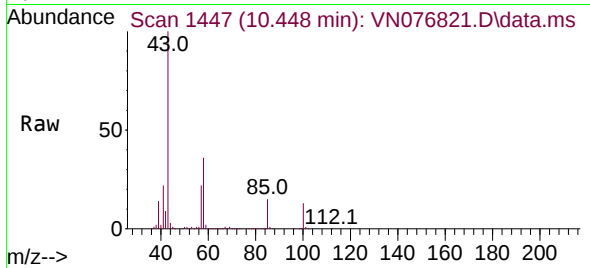
100 64.4 52.9 79.3





#51  
4-Methyl-2-Pentanone  
Concen: 302.206 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

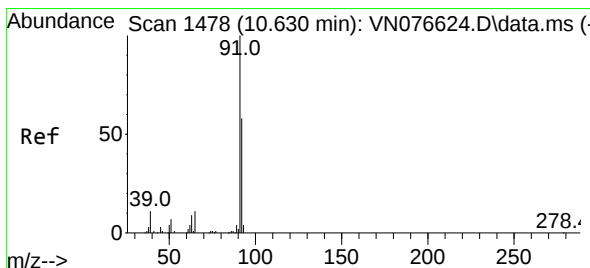
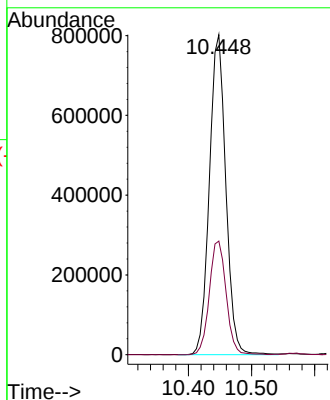
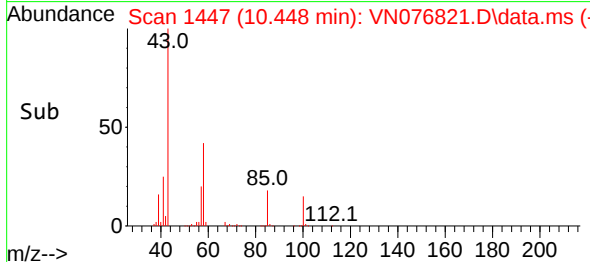
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 1446964  
Ion Ratio Lower Upper  
43 100  
58 36.3 29.5 44.3

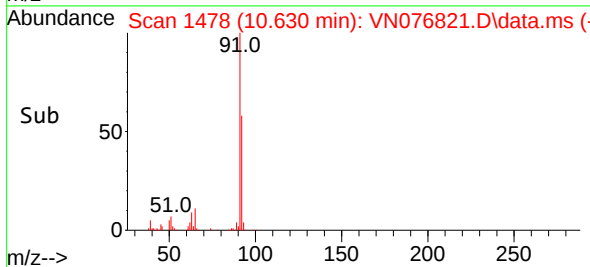
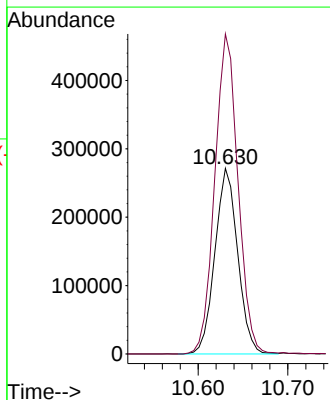
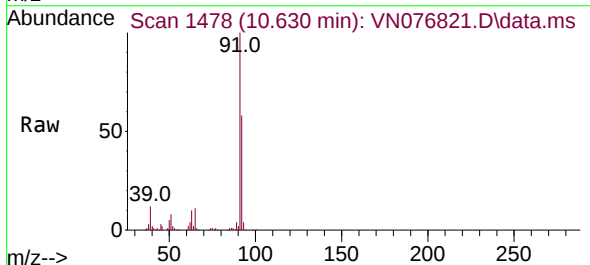
Manual Integrations  
APPROVED

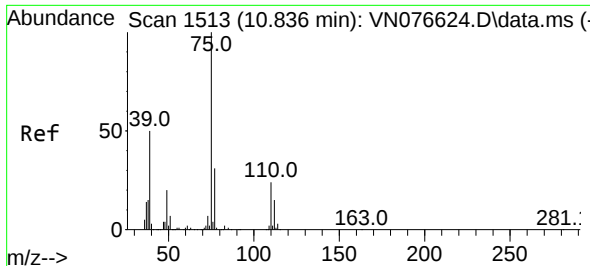
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#52  
Toluene  
Concen: 58.656 ug/l  
RT: 10.630 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

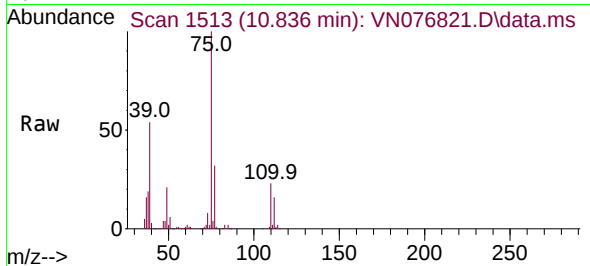
Tgt Ion: 92 Resp: 478019  
Ion Ratio Lower Upper  
92 100  
91 176.1 138.0 207.0





#53  
t-1,3-Dichloropropene  
Concen: 64.150 ug/l  
RT: 10.836 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

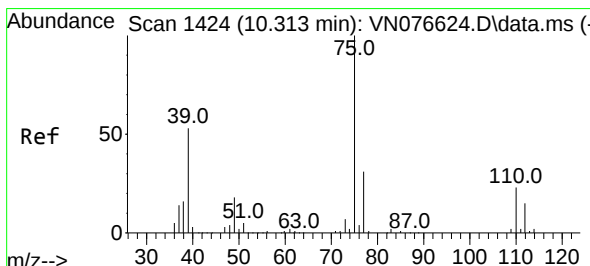
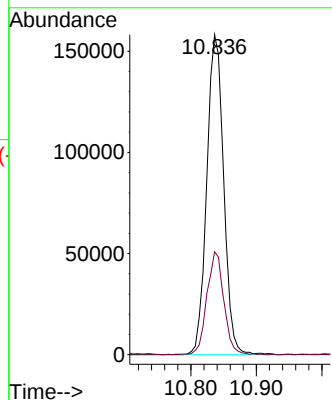
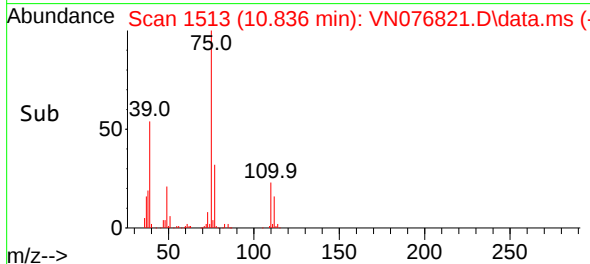
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 28358  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.6 37.0

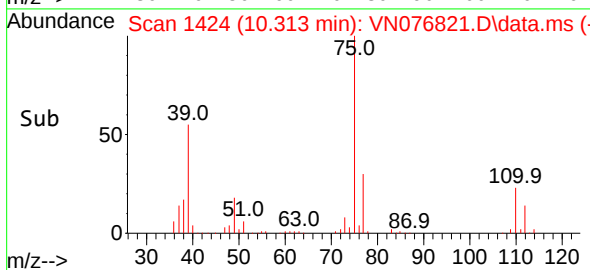
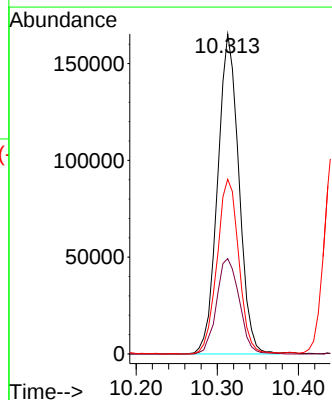
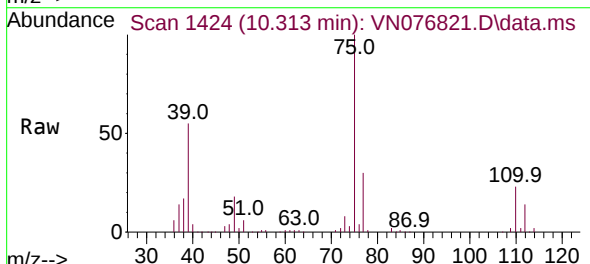
Manual Integrations  
APPROVED

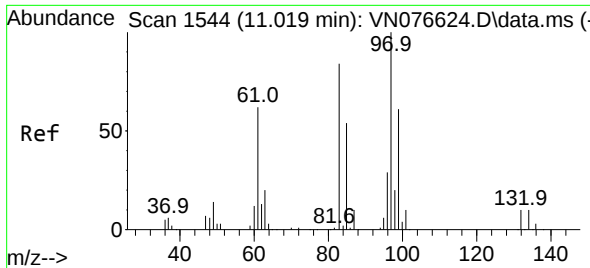
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#54  
cis-1,3-Dichloropropene  
Concen: 59.023 ug/l  
RT: 10.313 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

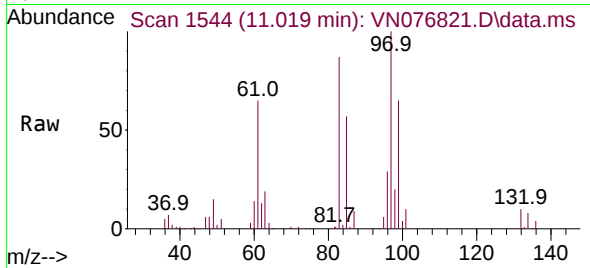
Tgt Ion: 75 Resp: 300960  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.1 37.7  
39 54.6 42.3 63.5





#55  
1,1,2-Trichloroethane  
Concen: 58.096 ug/l  
RT: 11.019 min Scan# 1544  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

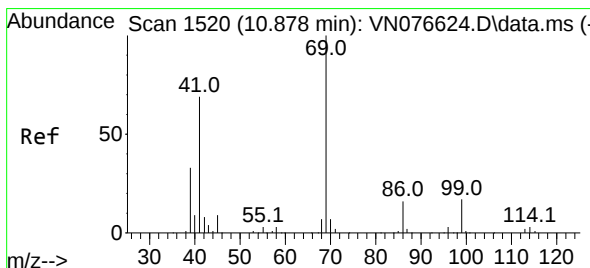
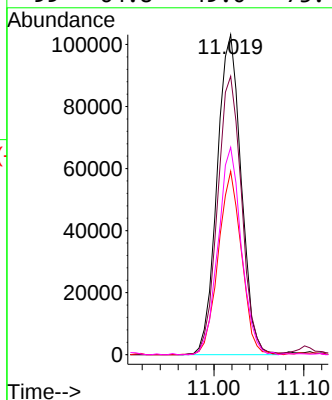
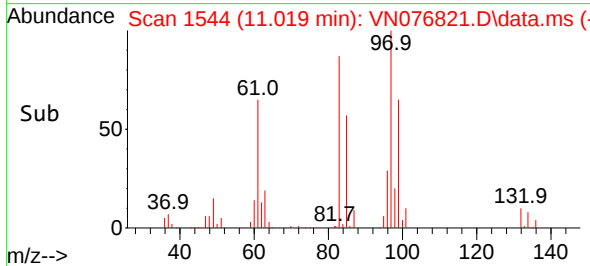


Tgt Ion: 97 Resp: 192519

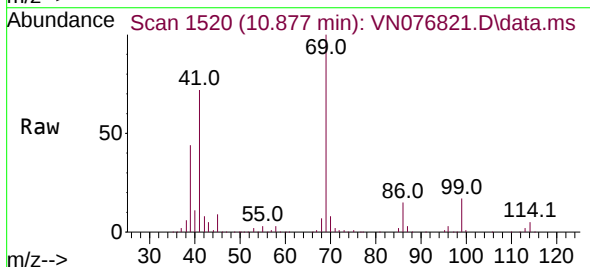
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.0  | 67.3  | 100.9 |
| 85  | 57.3  | 43.2  | 64.8  |
| 99  | 64.8  | 49.0  | 73.4  |

Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023

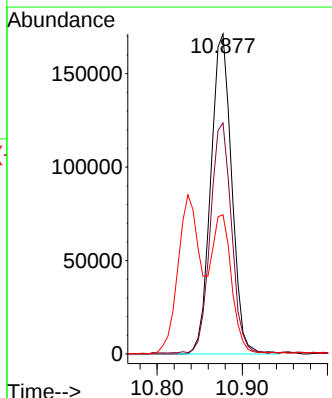
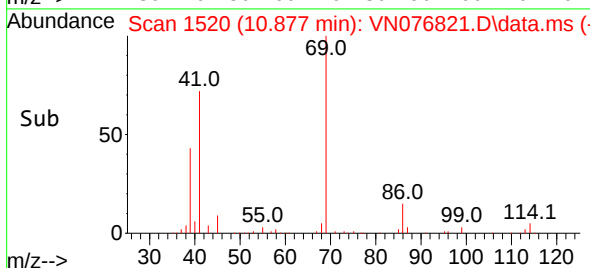


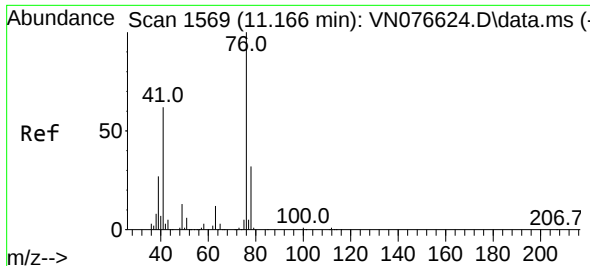
#56  
Ethyl methacrylate  
Concen: 62.708 ug/l  
RT: 10.877 min Scan# 1520  
Delta R.T. -0.001 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58



Tgt Ion: 69 Resp: 292500

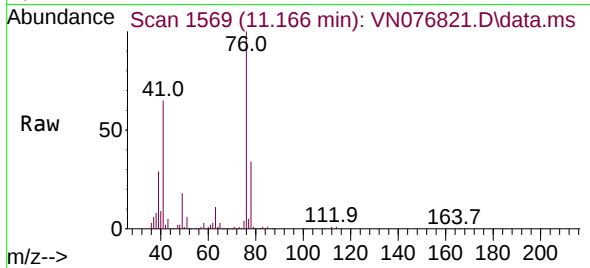
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.8  | 55.1  | 82.7  |
| 39  | 38.6  | 30.7  | 46.1  |





#57  
1,3-Dichloropropane  
Concen: 58.760 ug/l  
RT: 11.166 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

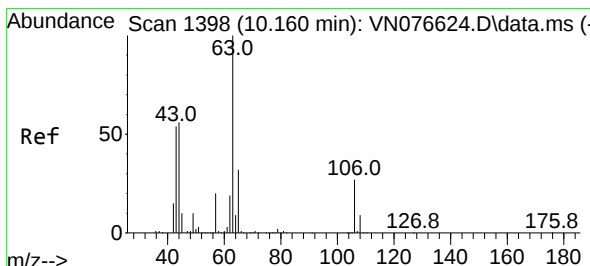
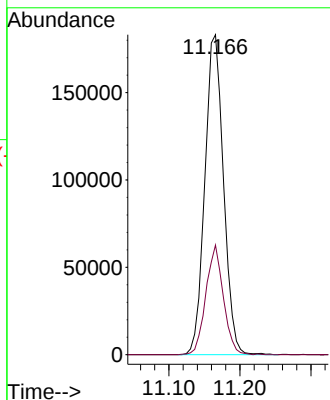
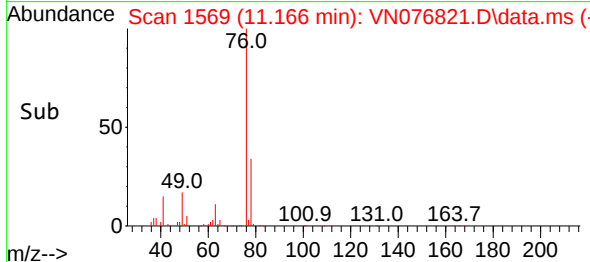
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



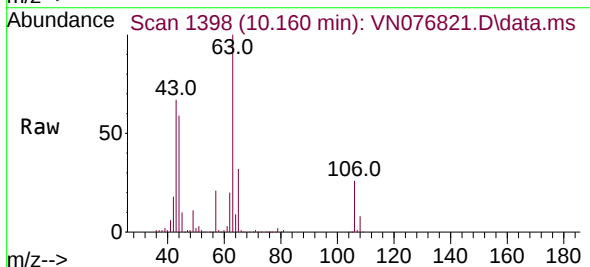
Tgt Ion: 76 Resp: 33453  
Ion Ratio Lower Upper  
76 100  
78 32.1 26.1 39.1

Manual Integrations  
APPROVED

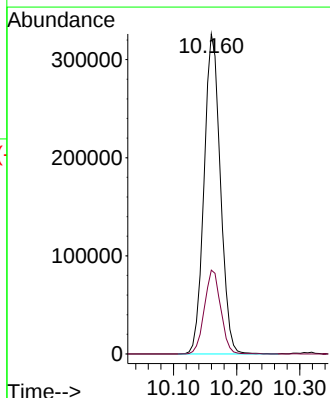
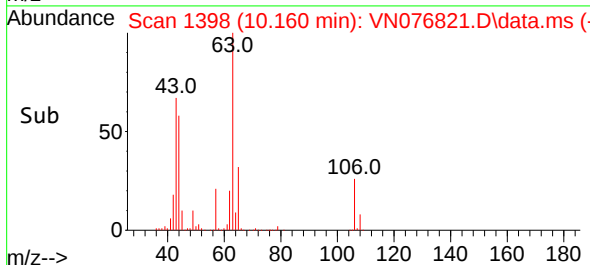
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023

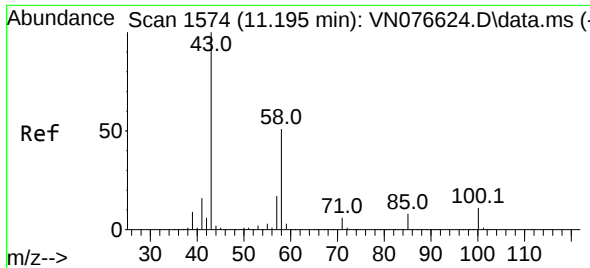


#58  
2-Chloroethyl Vinyl ether  
Concen: 274.349 ug/l  
RT: 10.160 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58



Tgt Ion: 63 Resp: 586070  
Ion Ratio Lower Upper  
63 100  
106 26.1 22.3 33.5





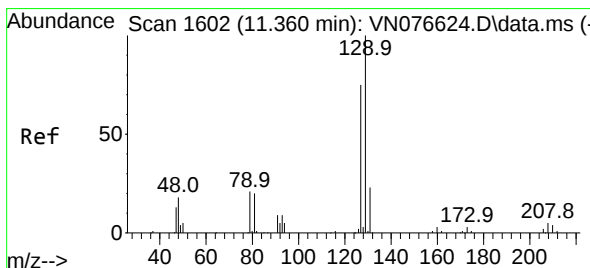
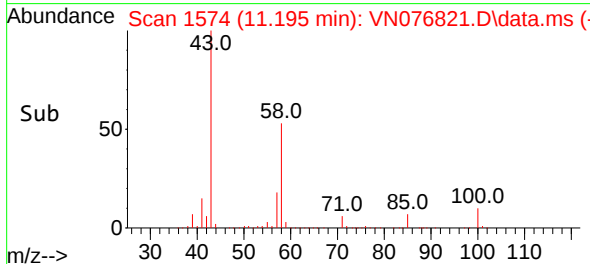
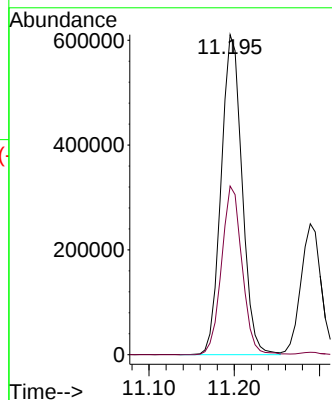
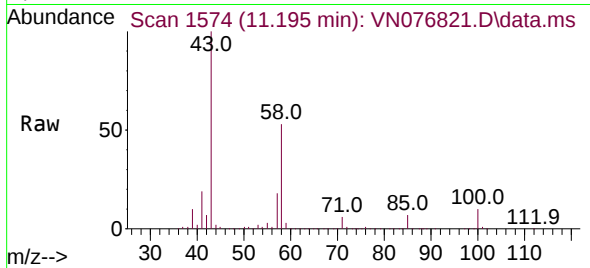
#59  
2-Hexanone  
Concen: 301.519 ug/l  
RT: 11.195 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 1040939  
Ion Ratio Lower Upper  
43 100  
58 51.7 25.4 76.0

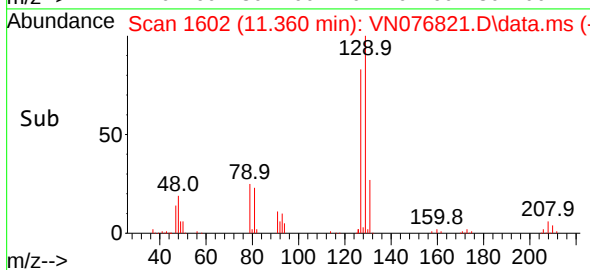
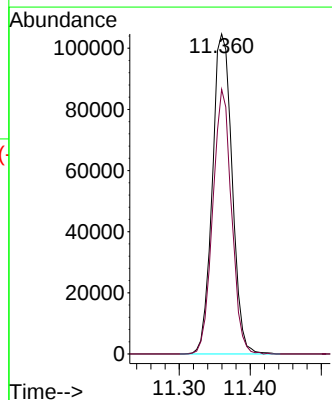
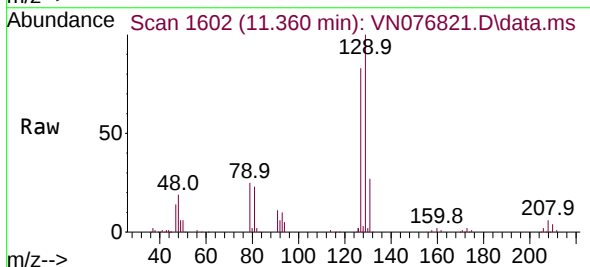
Manual Integrations  
APPROVED

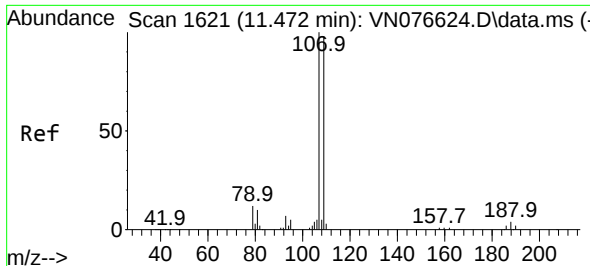
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#60  
Dibromochloromethane  
Concen: 57.887 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

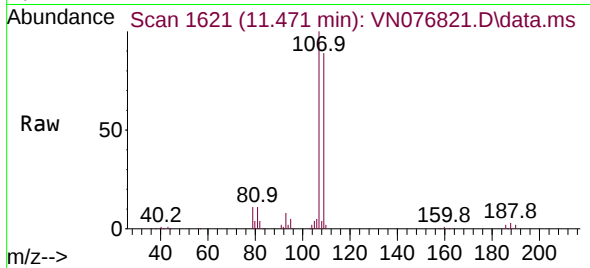
Tgt Ion:129 Resp: 202172  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.8 116.4





#61  
1,2-Dibromoethane  
Concen: 57.728 ug/l  
RT: 11.471 min Scan# 1621  
Delta R.T. -0.001 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

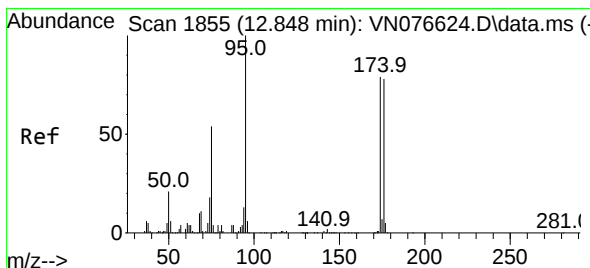
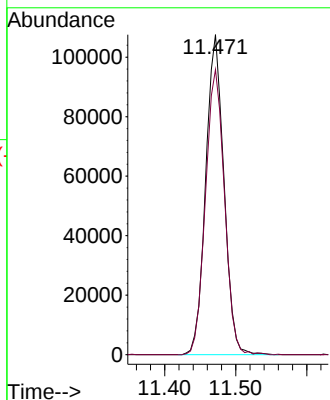
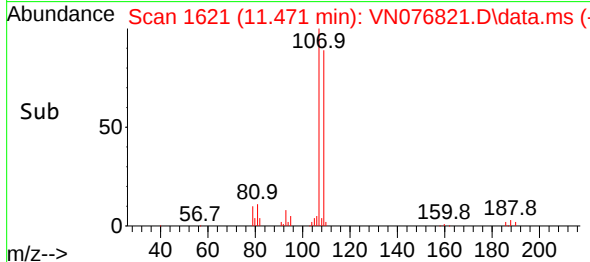
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:107 Resp: 19148  
Ion Ratio Lower Upper  
107 100  
109 93.0 76.8 115.2

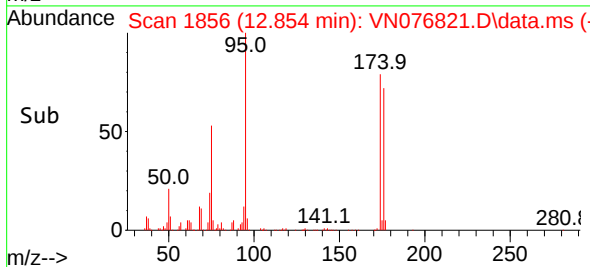
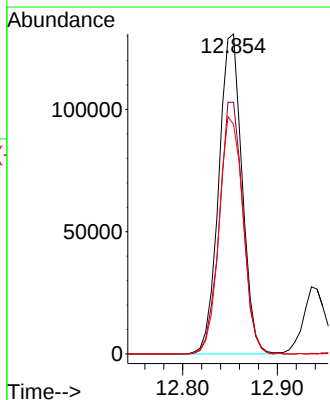
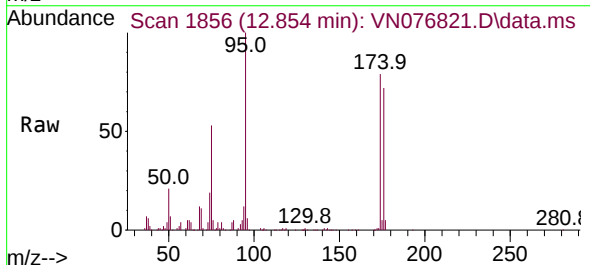
Manual Integrations  
APPROVED

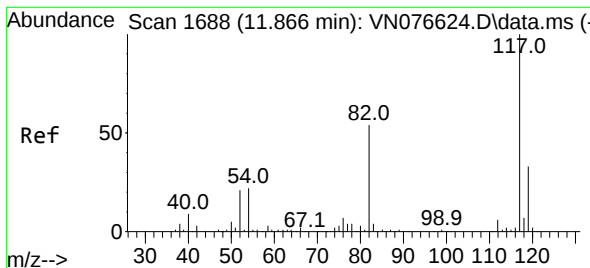
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#62  
4-Bromofluorobenzene  
Concen: 59.627 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

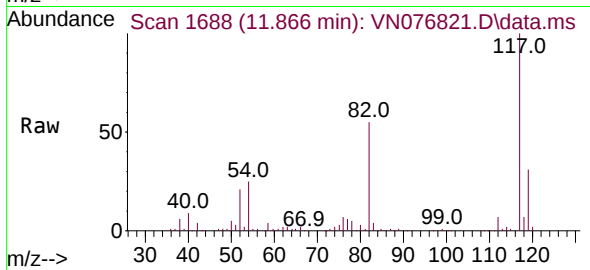
Tgt Ion: 95 Resp: 224373  
Ion Ratio Lower Upper  
95 100  
174 79.3 0.0 169.2  
176 76.1 0.0 163.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

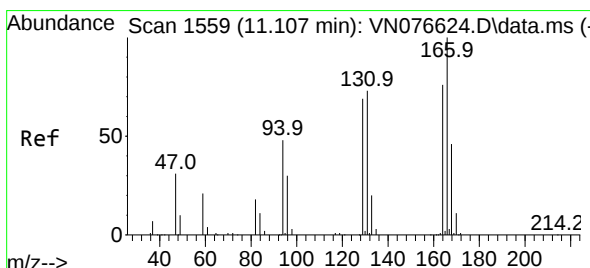
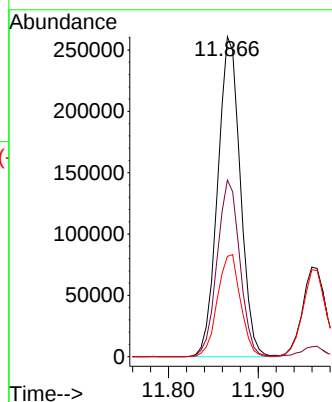
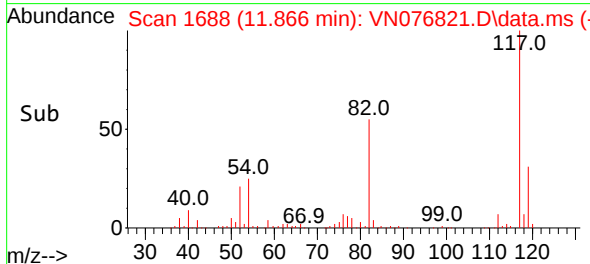
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



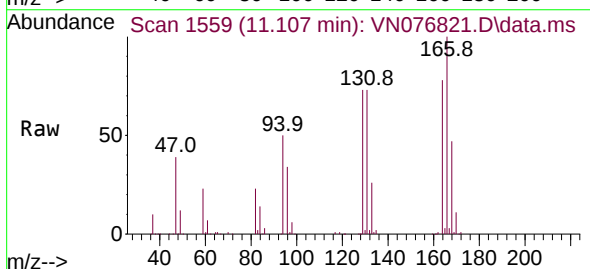
Tgt Ion:117 Resp: 457054  
Ion Ratio Lower Upper  
117 100  
82 55.2 43.4 65.2  
119 31.3 26.1 39.1

Manual Integrations  
APPROVED

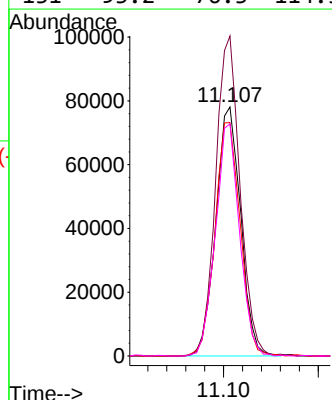
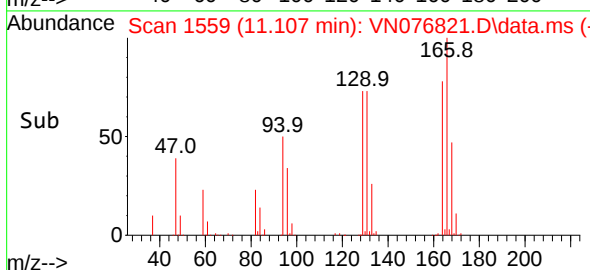
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023

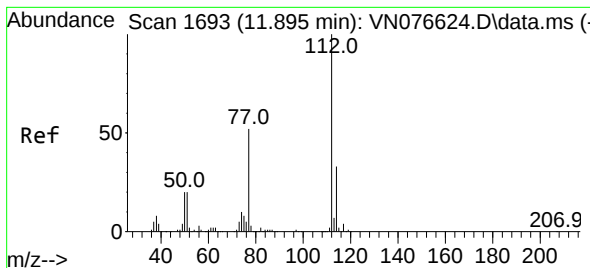


#64  
Tetrachloroethene  
Concen: 49.541 ug/l  
RT: 11.107 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58



Tgt Ion:164 Resp: 142693  
Ion Ratio Lower Upper  
164 100  
166 128.5 104.8 157.2  
129 93.8 72.2 108.2  
131 93.2 76.3 114.5





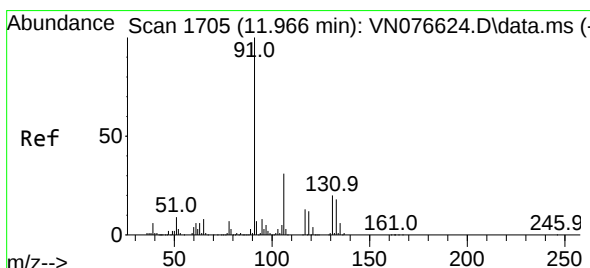
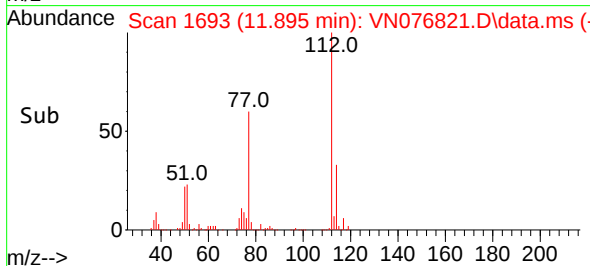
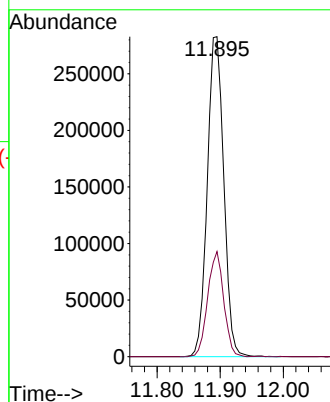
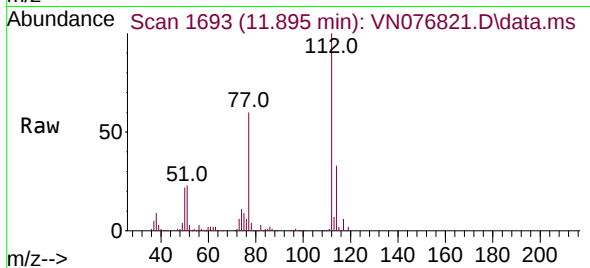
#65  
Chlorobenzene  
Concen: 52.945 ug/l  
RT: 11.895 min Scan# 112838  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 512838  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.4 39.6

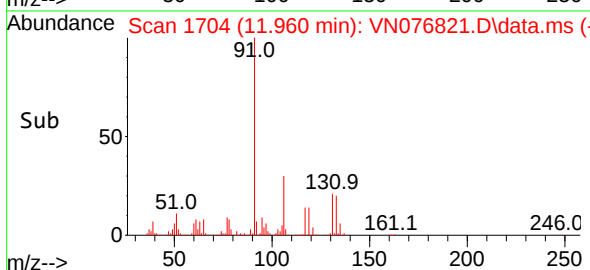
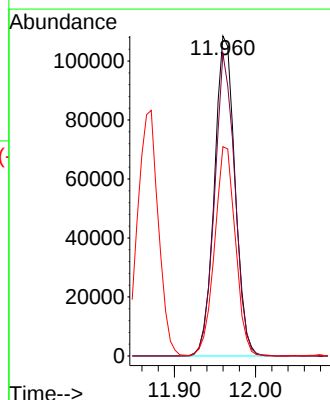
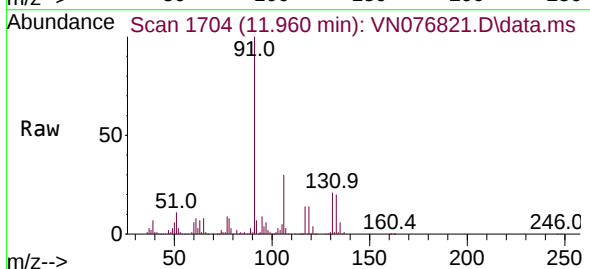
Manual Integrations  
APPROVED

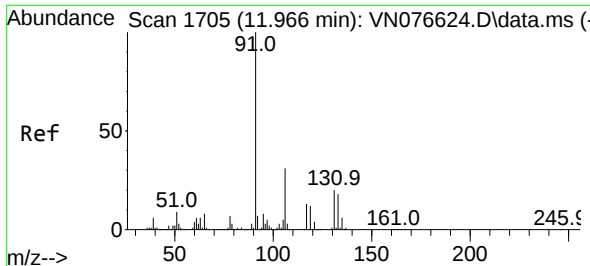
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.464 ug/l  
RT: 11.960 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion:131 Resp: 191619  
Ion Ratio Lower Upper  
131 100  
133 92.9 47.0 141.0  
119 66.1 32.3 96.8





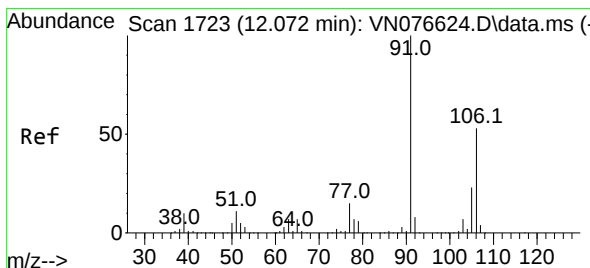
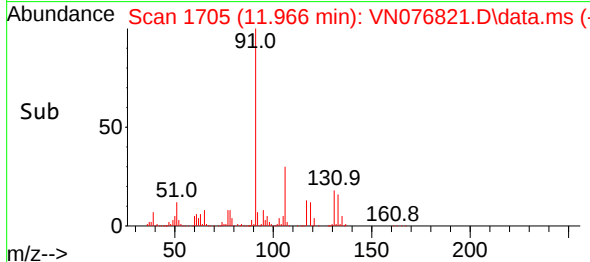
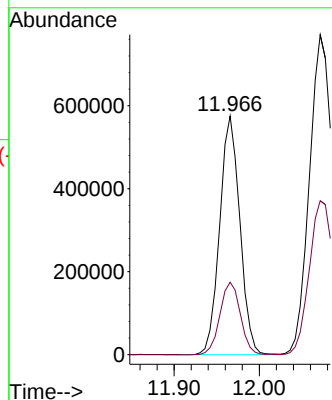
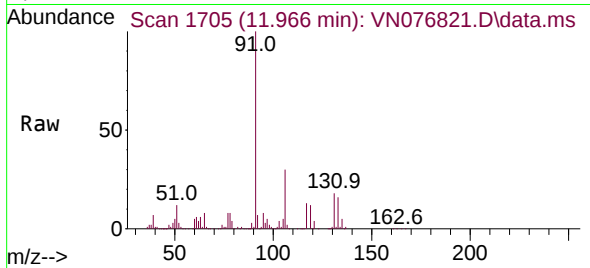
#67  
Ethyl Benzene  
Concen: 57.414 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 947454  
Ion Ratio Lower Upper  
91 100  
106 30.4 25.1 37.7

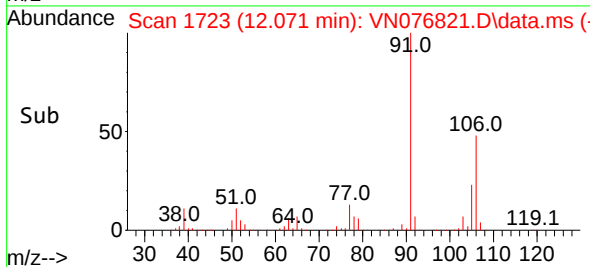
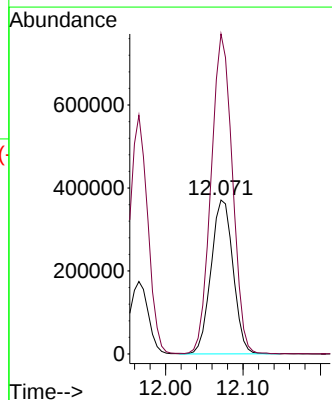
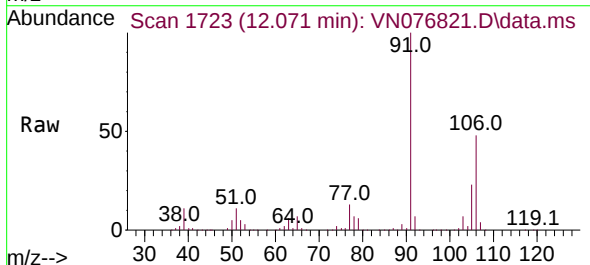
Manual Integrations  
APPROVED

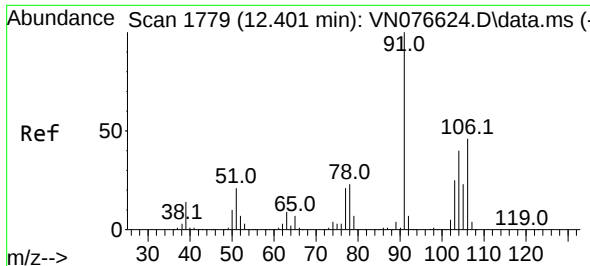
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#68  
m/p-Xylenes  
Concen: 115.237 ug/l  
RT: 12.071 min Scan# 1723  
Delta R.T. -0.001 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion:106 Resp: 733002  
Ion Ratio Lower Upper  
106 100  
91 200.9 154.7 232.1





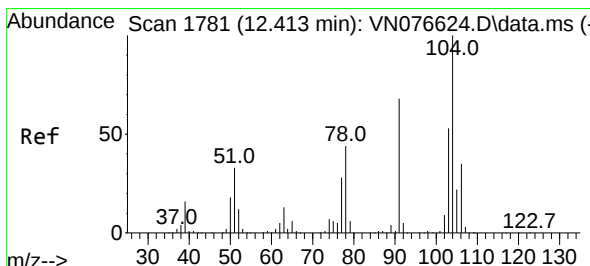
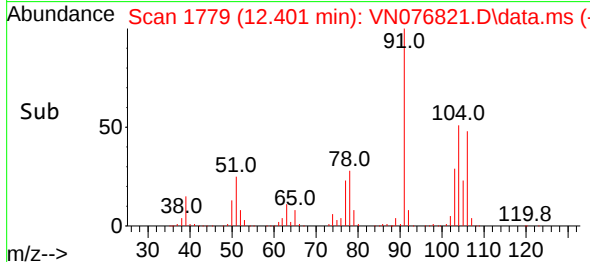
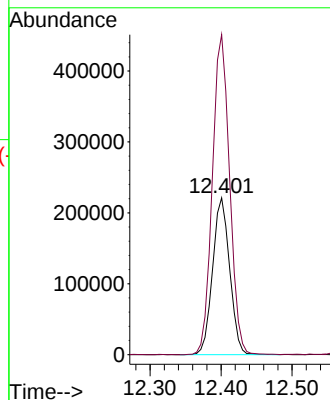
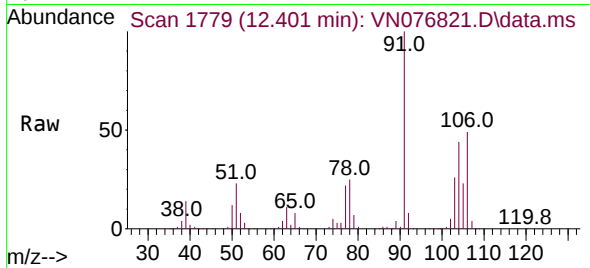
#69  
o-Xylene  
Concen: 59.370 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 368308  
Ion Ratio Lower Upper  
106 100  
91 206.8 105.8 317.4

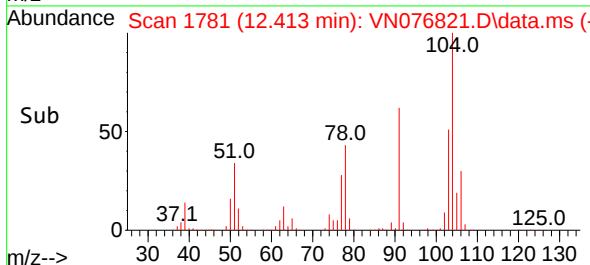
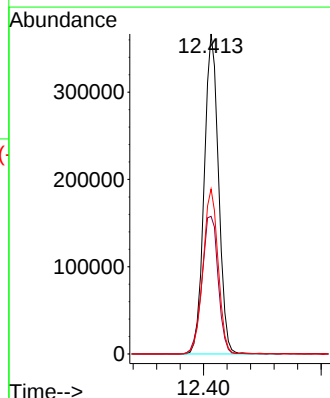
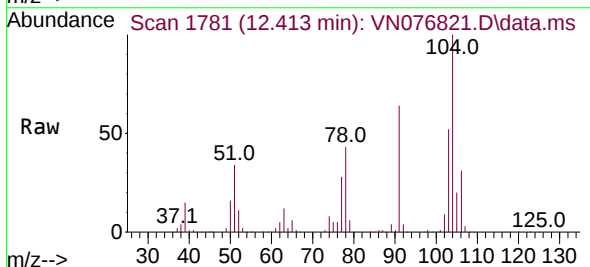
Manual Integrations  
APPROVED

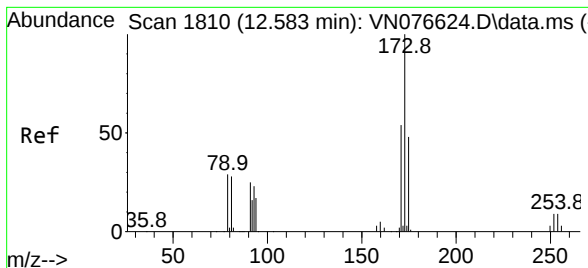
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#70  
Styrene  
Concen: 62.174 ug/l  
RT: 12.413 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion:104 Resp: 623713  
Ion Ratio Lower Upper  
104 100  
78 48.4 38.2 57.4  
103 53.7 44.2 66.4





#71

Bromoform

Concen: 55.702 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 143752

Ion Ratio Lower Upper

173 100

175 50.6 24.9 74.7

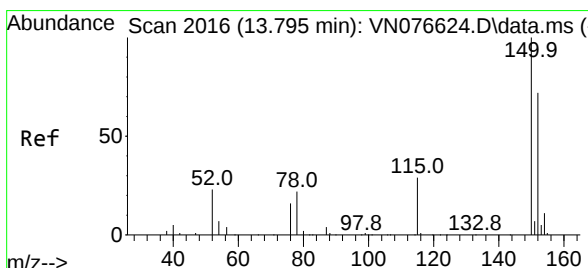
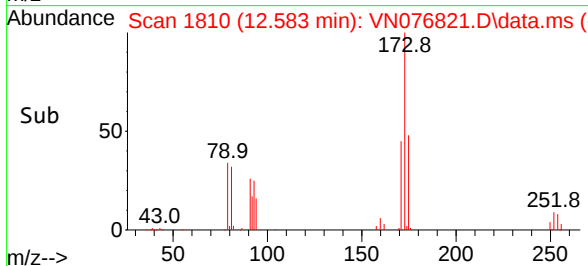
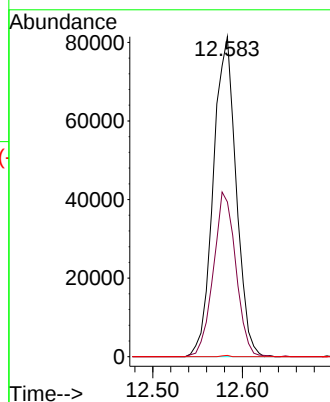
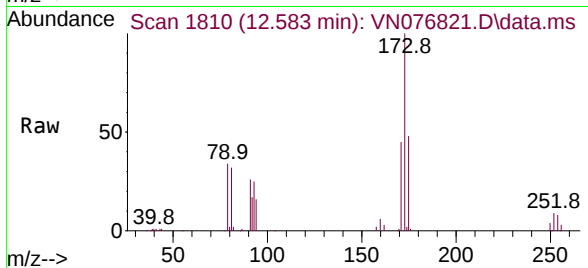
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

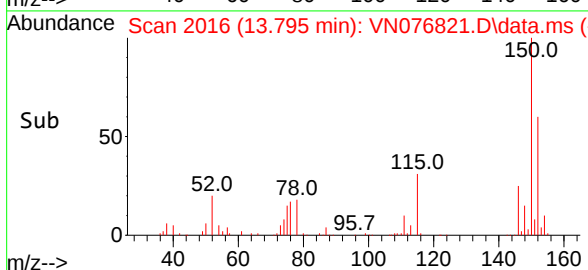
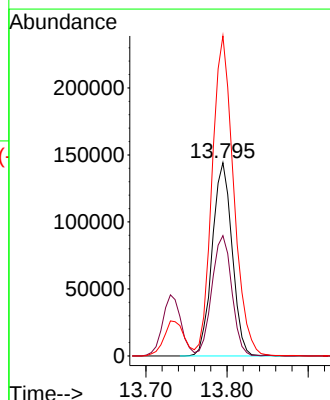
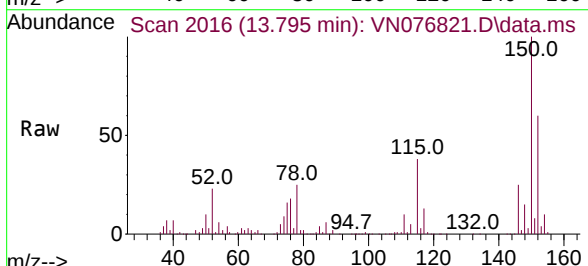
Tgt Ion:152 Resp: 244894

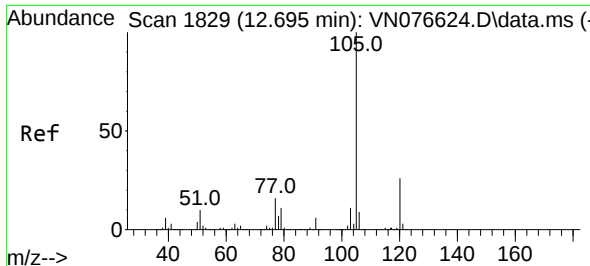
Ion Ratio Lower Upper

152 100

115 62.2 29.3 87.9

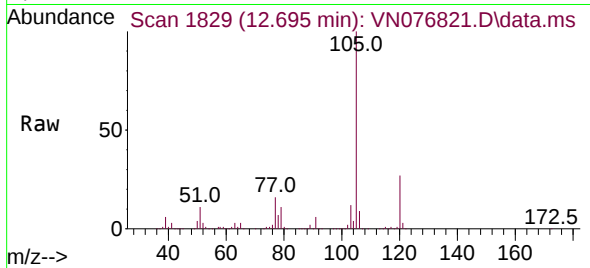
150 179.0 0.0 349.8





#73  
Isopropylbenzene  
Concen: 53.851 ug/l  
RT: 12.695 min Scan# 1829  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

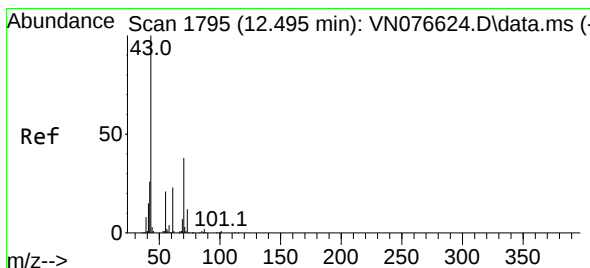
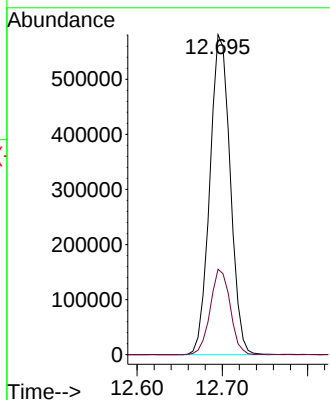
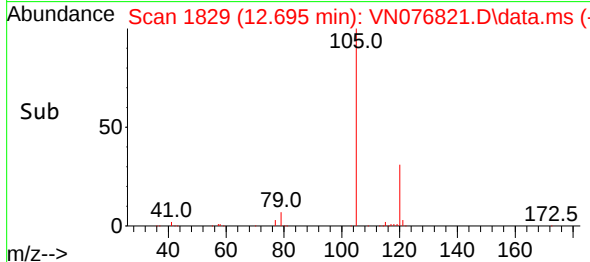
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



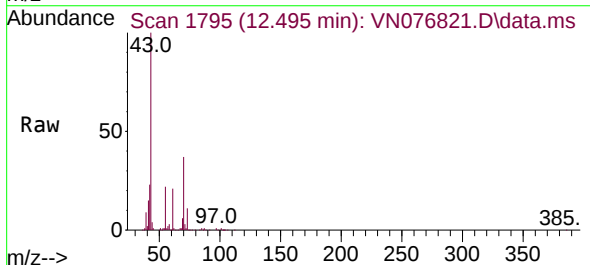
Tgt Ion:105 Resp: 96662  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.7 41.0

Manual Integrations  
APPROVED

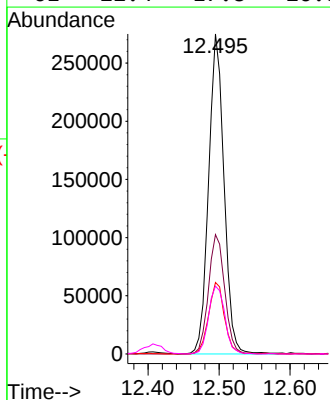
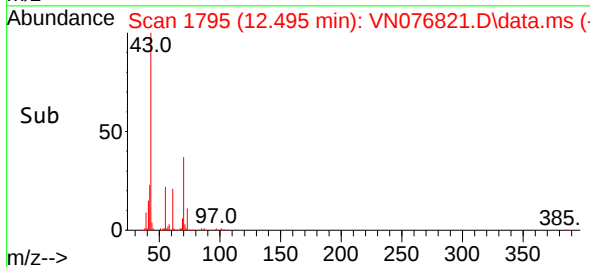
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023

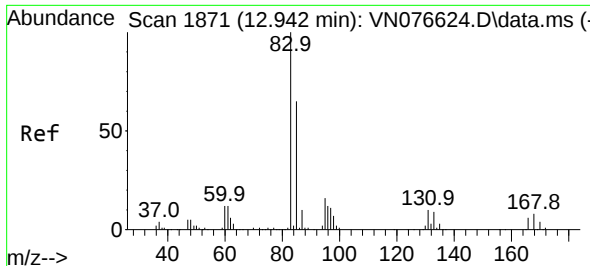


#74  
N-ethyl acetate  
Concen: 51.391 ug/l  
RT: 12.495 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58



Tgt Ion: 43 Resp: 415793  
Ion Ratio Lower Upper  
43 100  
70 39.2 30.5 45.7  
55 23.0 17.8 26.8  
61 22.4 17.8 26.8





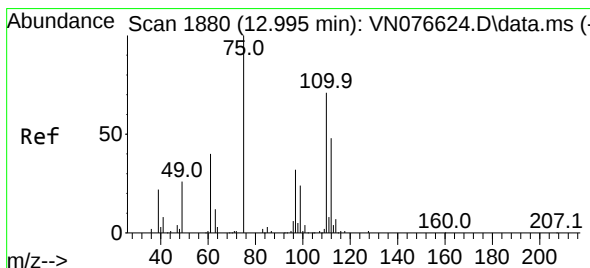
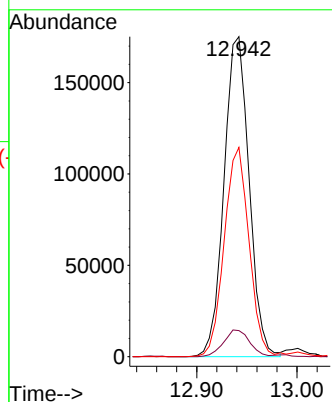
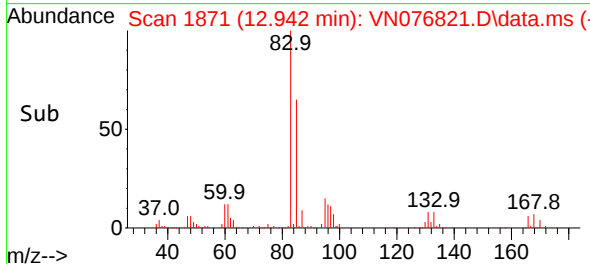
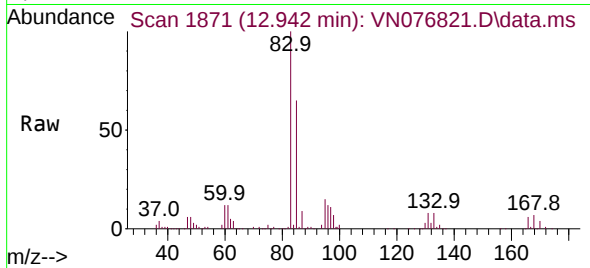
#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.818 ug/l  
RT: 12.942 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 304190  
Ion Ratio Lower Upper  
83 100  
131 8.8 5.0 15.0  
85 64.7 31.8 95.3

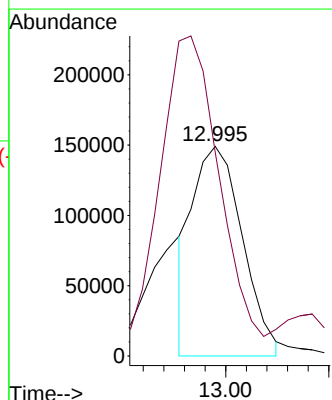
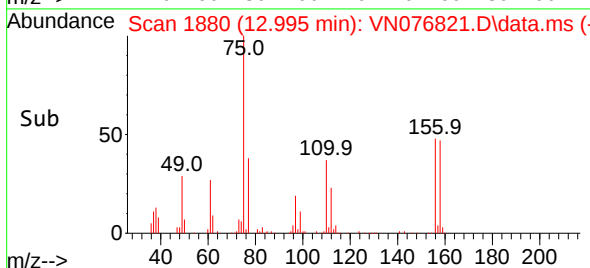
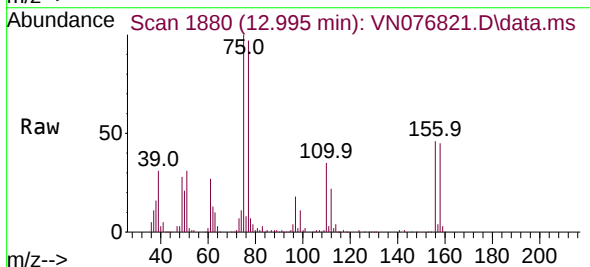
Manual Integrations  
APPROVED

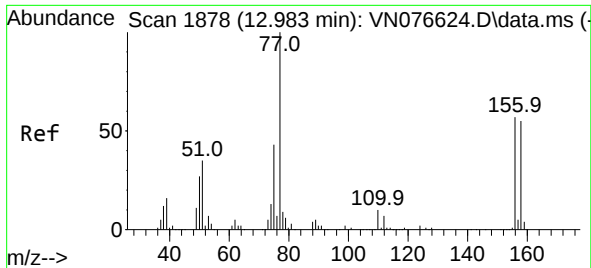
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#76  
1,2,3-Trichloropropane  
Concen: 50.648 ug/l m  
RT: 12.995 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

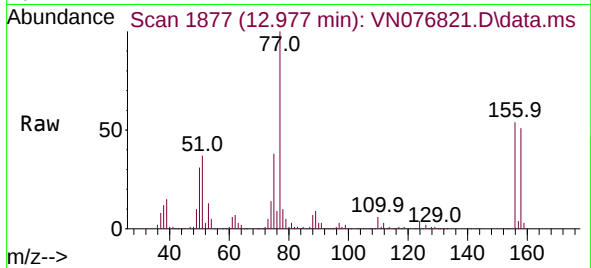
Tgt Ion: 75 Resp: 250762  
Ion Ratio Lower Upper  
75 100  
77 185.8 93.1 279.3





#77  
Bromobenzene  
Concen: 49.002 ug/l  
RT: 12.977 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

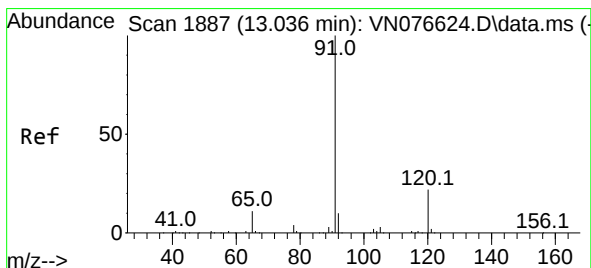
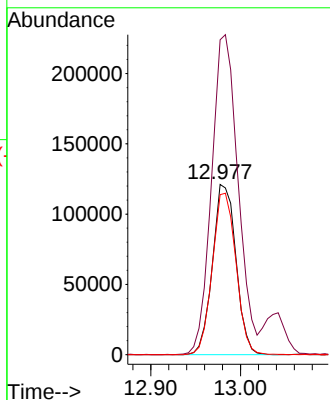
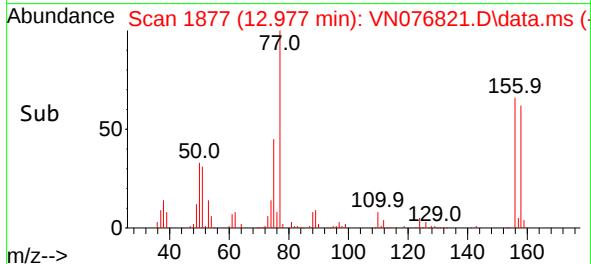
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:156 Resp: 21945  
Ion Ratio Lower Upper  
156 100  
77 212.3 102.8 308.4  
158 95.9 48.9 146.6

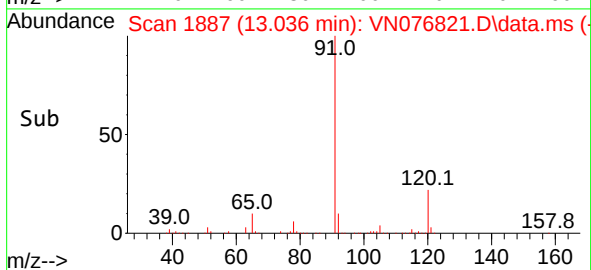
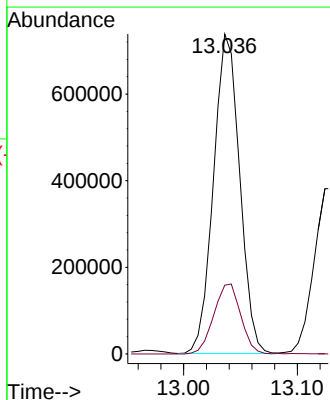
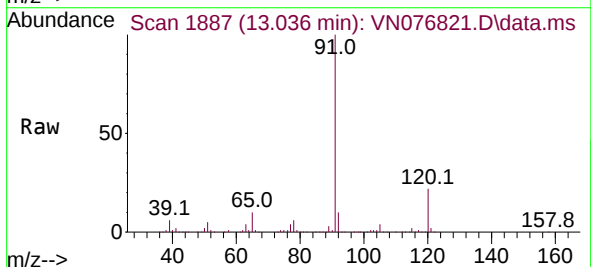
Manual Integrations  
APPROVED

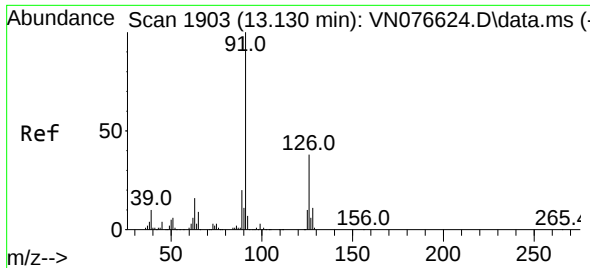
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#78  
n-propylbenzene  
Concen: 56.070 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion: 91 Resp: 1181837  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.5 34.5





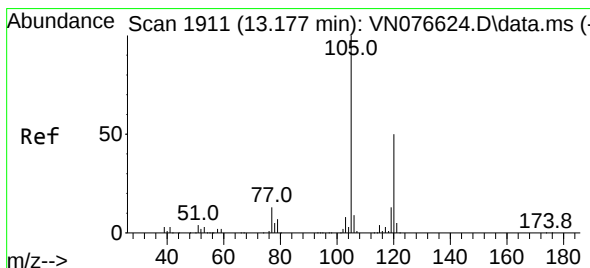
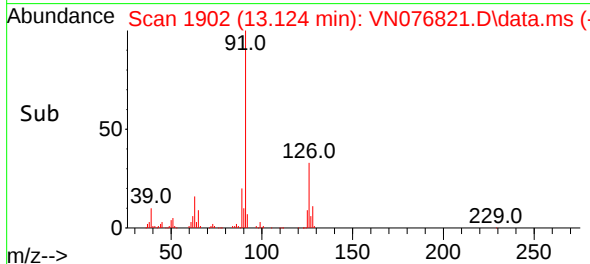
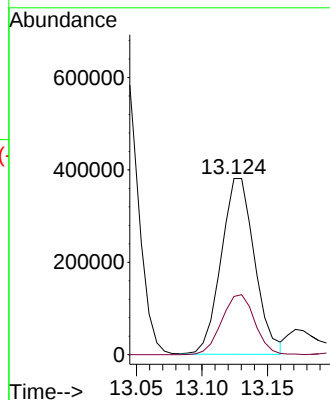
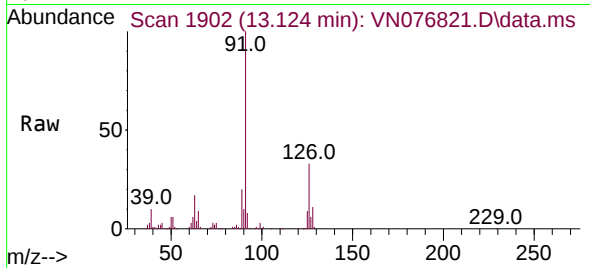
#79  
2-Chlorotoluene  
Concen: 52.498 ug/l  
RT: 13.124 min Scan# 1902  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 67752  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.7 53.1

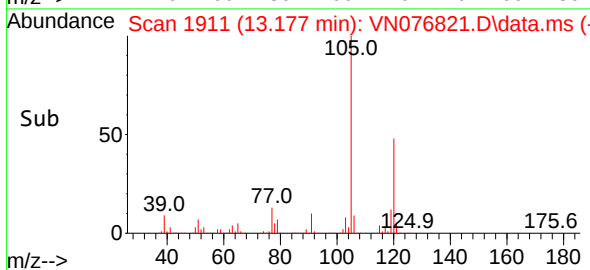
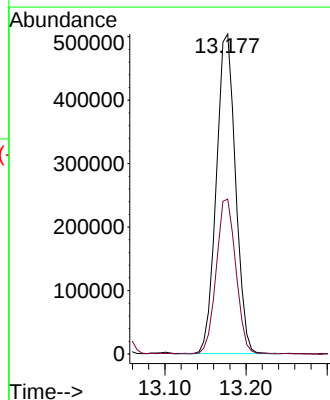
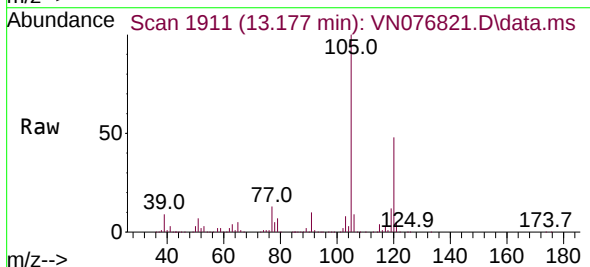
Manual Integrations  
APPROVED

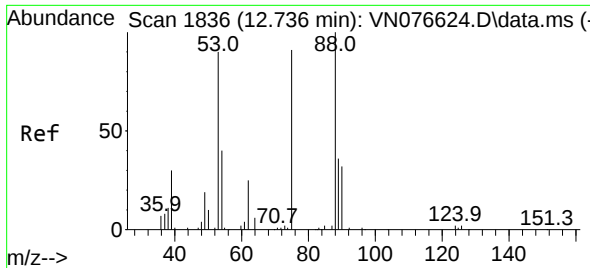
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 55.895 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

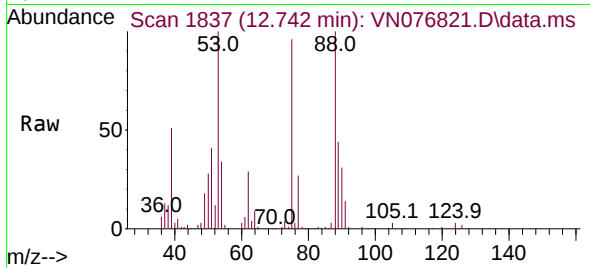
Tgt Ion:105 Resp: 829170  
Ion Ratio Lower Upper  
105 100  
120 49.4 25.1 75.4





#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.361 ug/l  
RT: 12.742 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

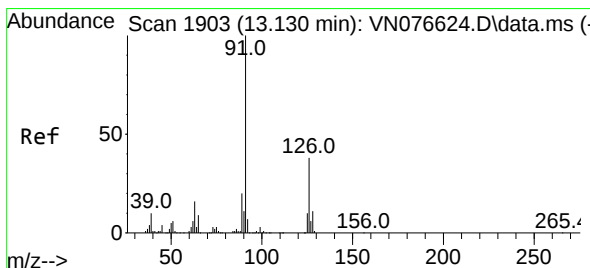
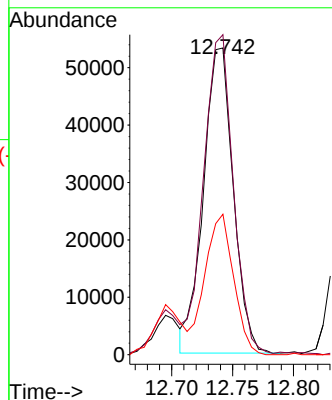
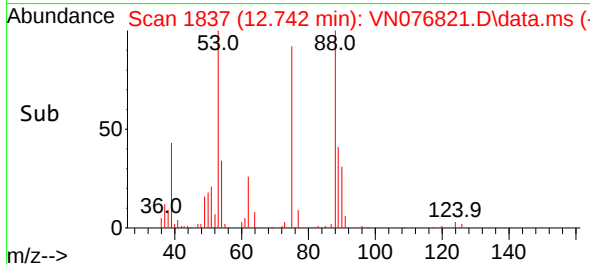
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 90709  
Ion Ratio Lower Upper  
75 100  
53 103.9 92.1 138.1  
89 44.3 37.5 56.3

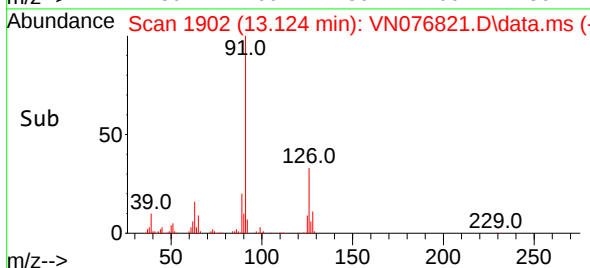
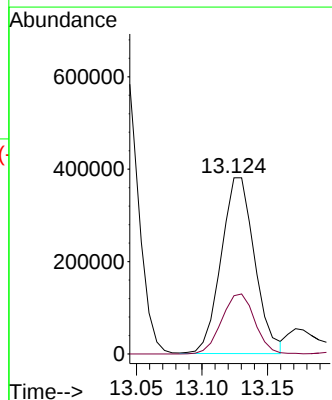
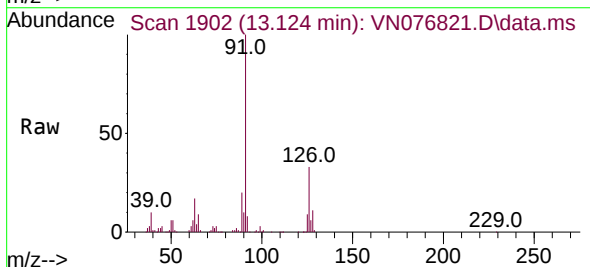
Manual Integrations  
APPROVED

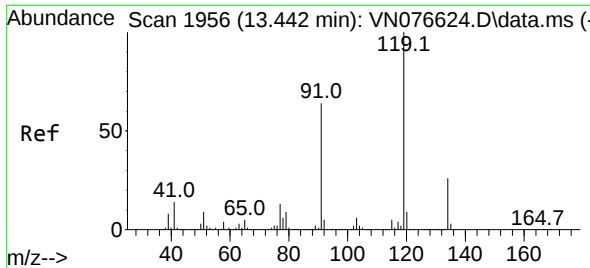
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#82  
4-Chlorotoluene  
Concen: 52.498 ug/l  
RT: 13.124 min Scan# 1902  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion: 91 Resp: 677522  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.7 53.1





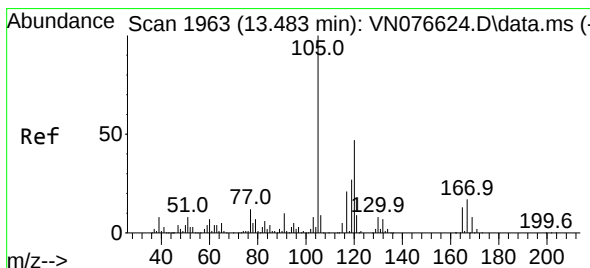
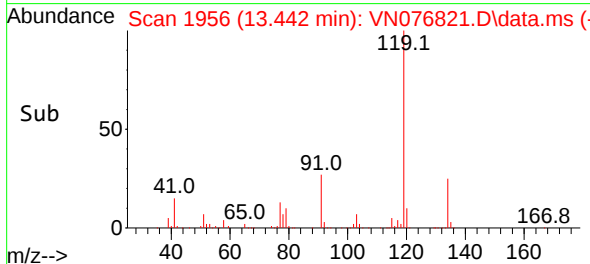
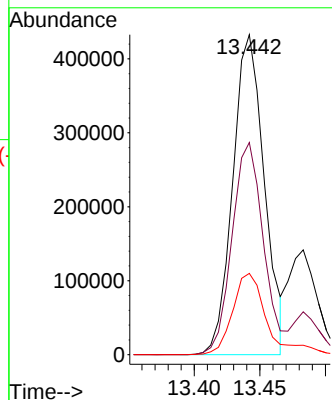
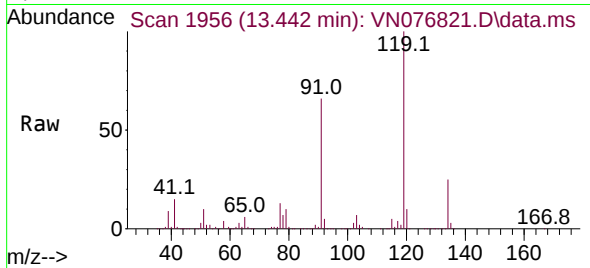
#83  
tert-Butylbenzene  
Concen: 54.013 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:119 Resp: 724844  
Ion Ratio Lower Upper  
119 100  
91 66.7 32.0 96.2  
134 27.6 13.8 41.4

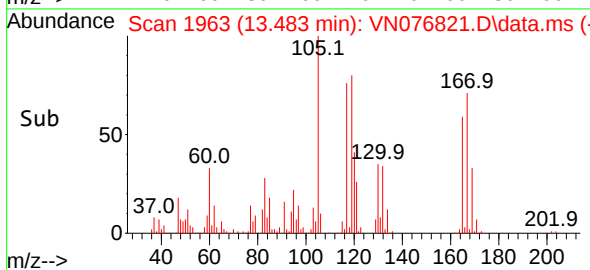
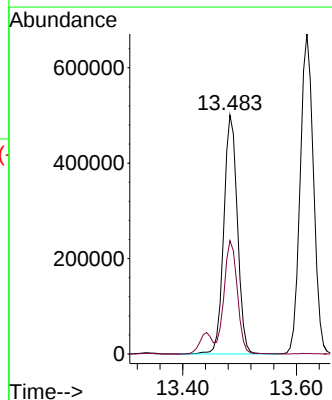
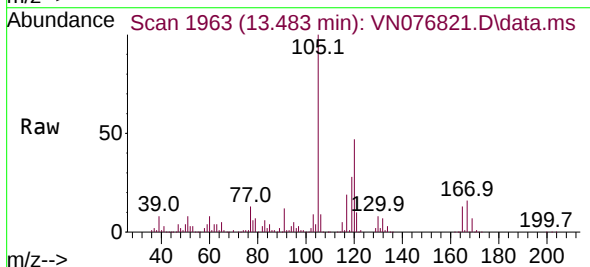
Manual Integrations  
APPROVED

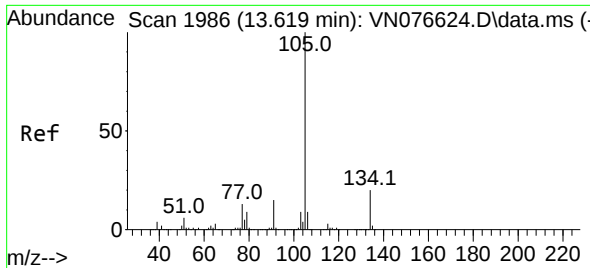
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#84  
1,2,4-Trimethylbenzene  
Concen: 56.566 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion:105 Resp: 836287  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.0 69.0





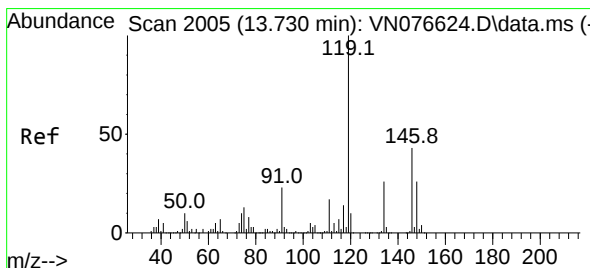
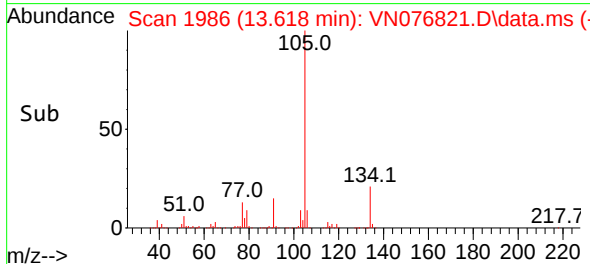
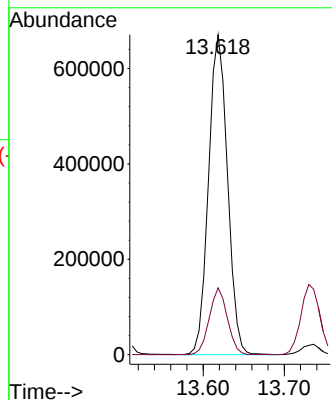
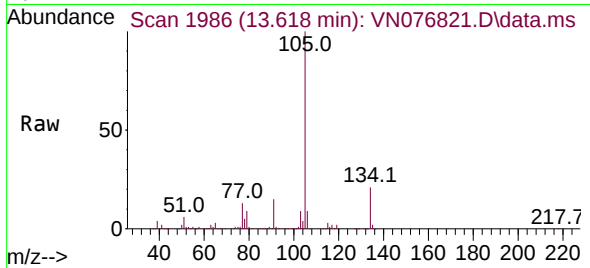
#85  
 sec-Butylbenzene  
 Concen: 57.968 ug/l  
 RT: 13.618 min Scan# 1986  
 Delta R.T. -0.001 min  
 Lab File: VN076821.D  
 Acq: 27 Feb 2023 16:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:105 Resp: 108610  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.5 31.5

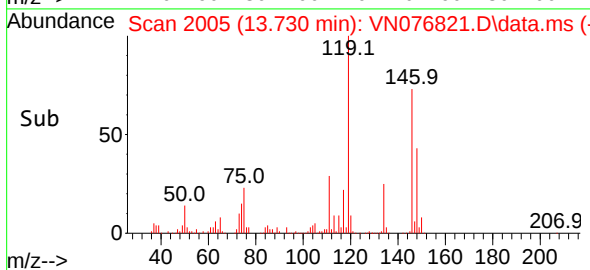
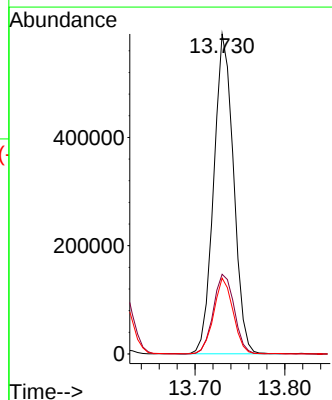
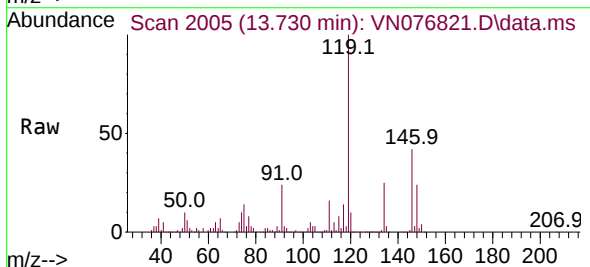
Manual Integrations  
 APPROVED

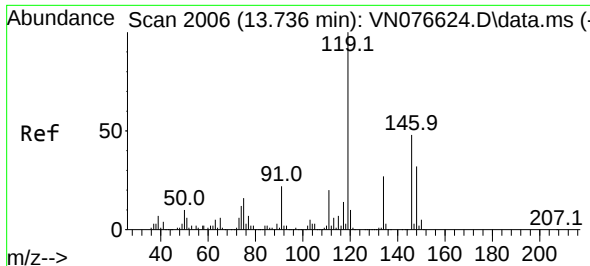
Reviewed By :John Carlone 02/28/2023  
 Supervised By :Mahesh Dadoda 02/28/2023



#86  
 p-Isopropyltoluene  
 Concen: 60.471 ug/l  
 RT: 13.730 min Scan# 2005  
 Delta R.T. 0.000 min  
 Lab File: VN076821.D  
 Acq: 27 Feb 2023 16:58

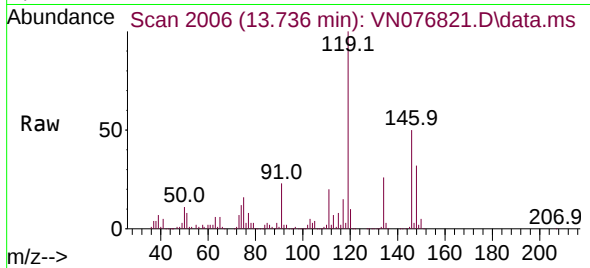
Tgt Ion:119 Resp: 904731  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.4 40.1  
 91 23.3 11.7 35.0





#87  
 1,3-Dichlorobenzene  
 Concen: 53.041 ug/l  
 RT: 13.736 min Scan# 2006  
 Delta R.T. 0.000 min  
 Lab File: VN076821.D  
 Acq: 27 Feb 2023 16:58

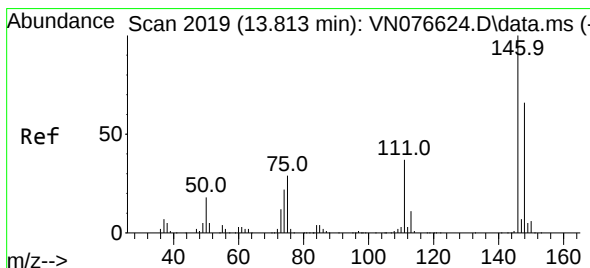
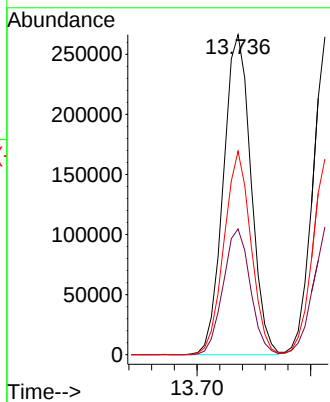
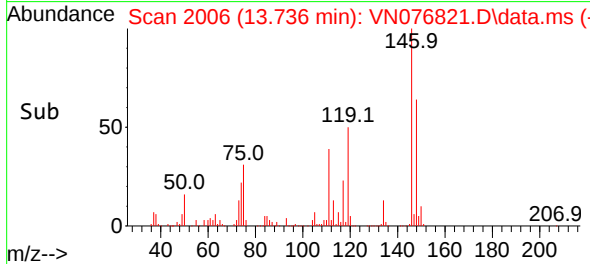
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



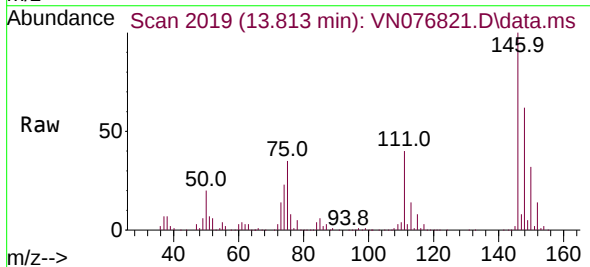
Tgt Ion:146 Resp: 449024  
 Ion Ratio Lower Upper  
 146 100  
 111 38.8 19.8 59.4  
 148 62.2 32.0 96.2

Manual Integrations  
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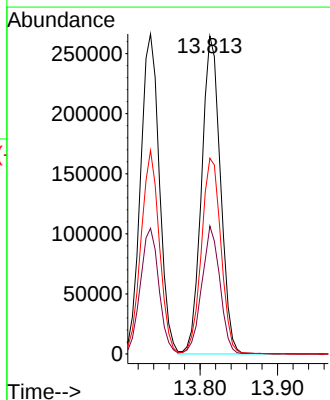
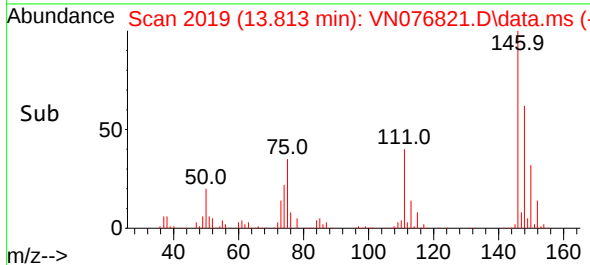
Reviewed By :John Carlone 02/28/2023  
 Supervised By :Mahesh Dadoda 02/28/2023

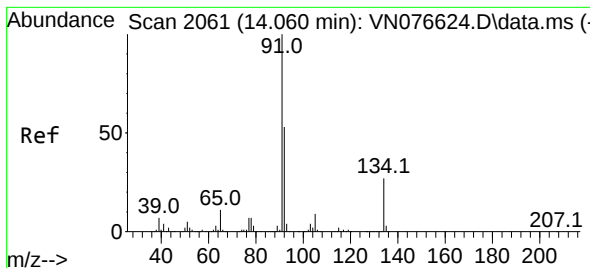


#88  
 1,4-Dichlorobenzene  
 Concen: 53.033 ug/l  
 RT: 13.813 min Scan# 2019  
 Delta R.T. -0.001 min  
 Lab File: VN076821.D  
 Acq: 27 Feb 2023 16:58



Tgt Ion:146 Resp: 447083  
 Ion Ratio Lower Upper  
 146 100  
 111 38.4 19.4 58.1  
 148 63.8 32.7 98.1





#89

n-Butylbenzene

Concen: 62.061 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

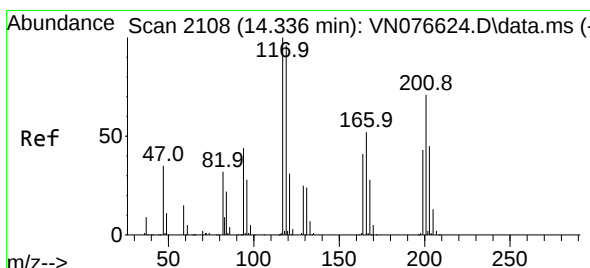
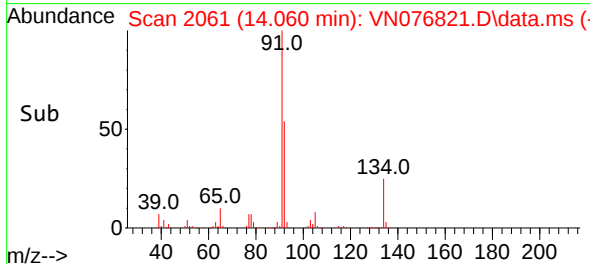
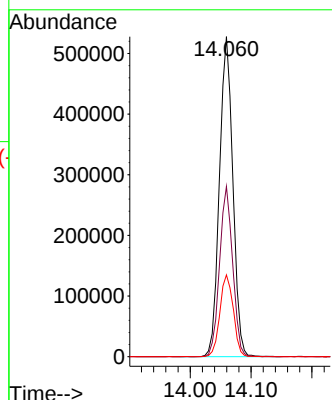
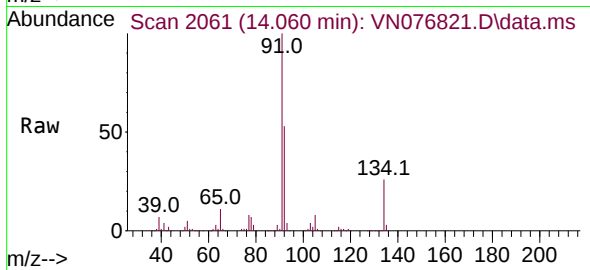
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 807572 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 52.0  | 26.4  | 79.0   |
| 134       | 25.5  | 13.2  | 39.5   |

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#90

Hexachloroethane

Concen: 51.411 ug/l

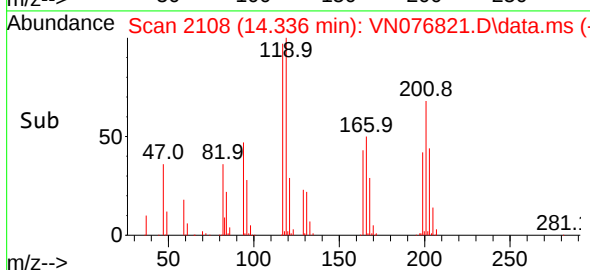
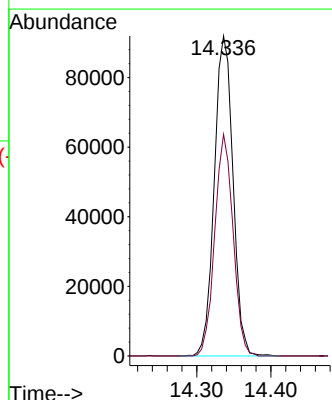
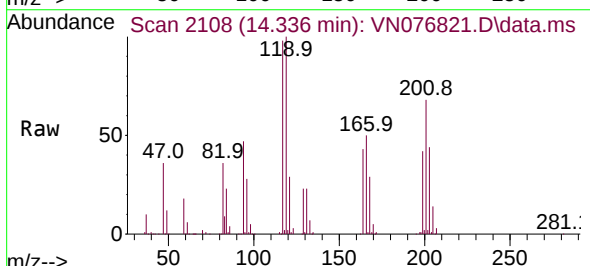
RT: 14.336 min Scan# 2108

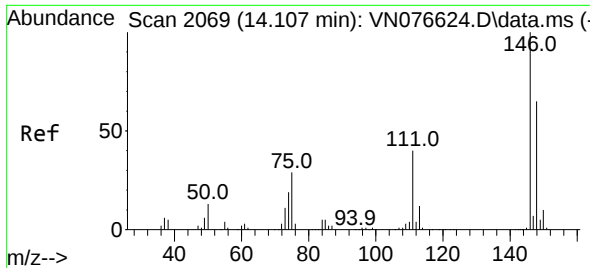
Delta R.T. 0.000 min

Lab File: VN076821.D

Acq: 27 Feb 2023 16:58

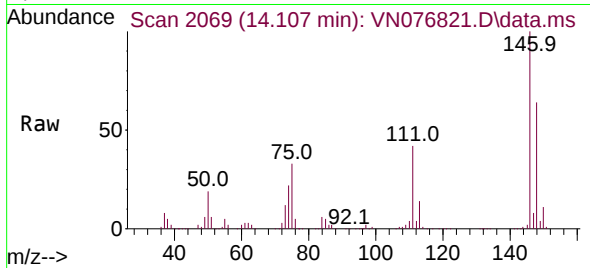
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 161053 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 201       | 67.9  | 35.5  | 106.7  |





#91  
1,2-Dichlorobenzene  
Concen: 50.830 ug/l  
RT: 14.107 min Scan# 2069  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

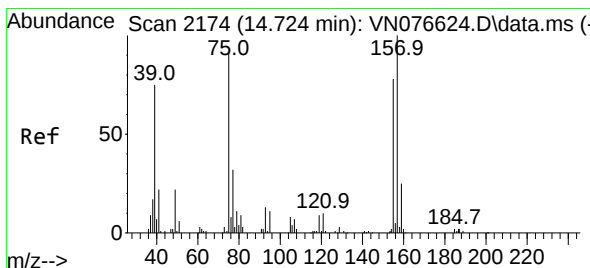
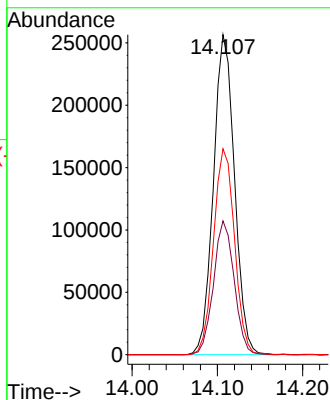
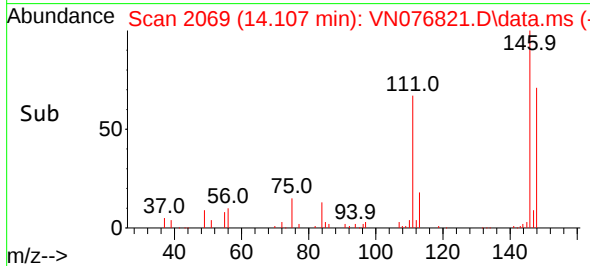
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



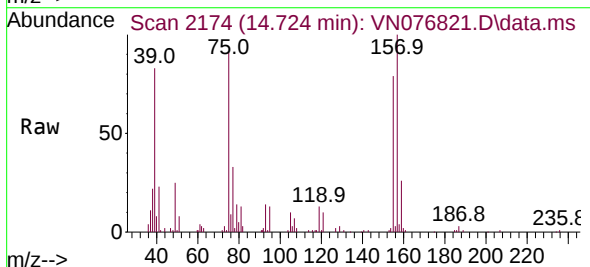
Tgt Ion:146 Resp: 44114  
Ion Ratio Lower Upper  
146 100  
111 41.1 20.0 59.9  
148 64.1 32.4 97.2

Manual Integrations  
APPROVED

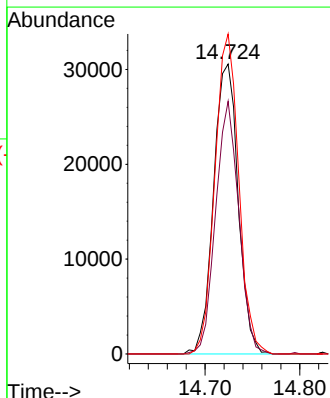
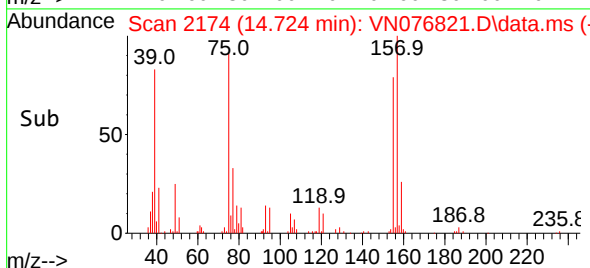
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023

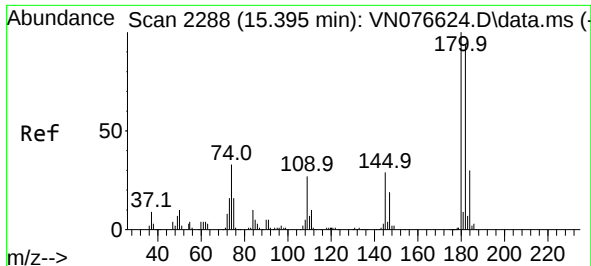


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 43.928 ug/l  
RT: 14.724 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58



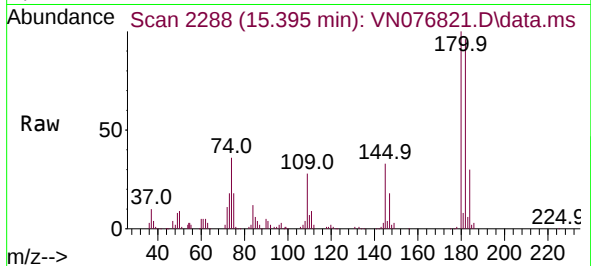
Tgt Ion: 75 Resp: 55297  
Ion Ratio Lower Upper  
75 100  
155 81.8 43.4 130.2  
157 106.6 55.2 165.6





#93  
1,2,4-Trichlorobenzene  
Concen: 52.710 ug/l  
RT: 15.395 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

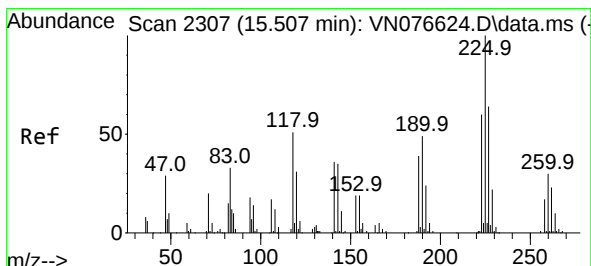
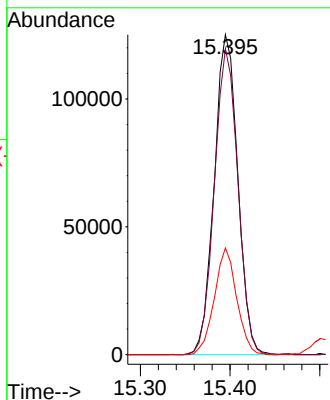
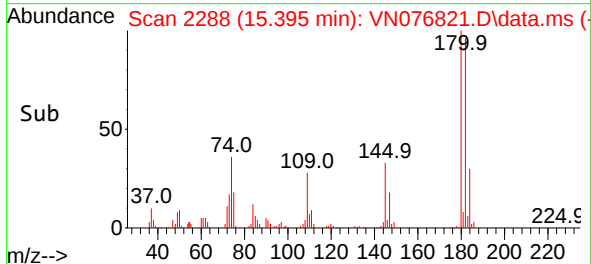
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:180 Resp: 22819  
Ion Ratio Lower Upper  
180 100  
182 95.6 48.0 144.0  
145 31.6 15.2 45.6

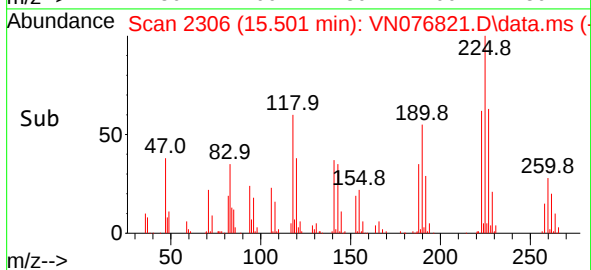
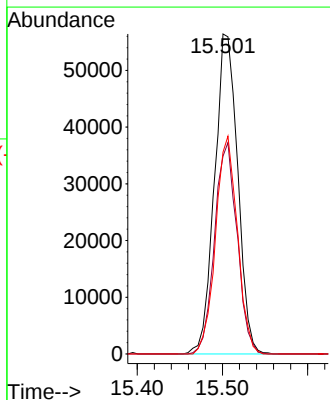
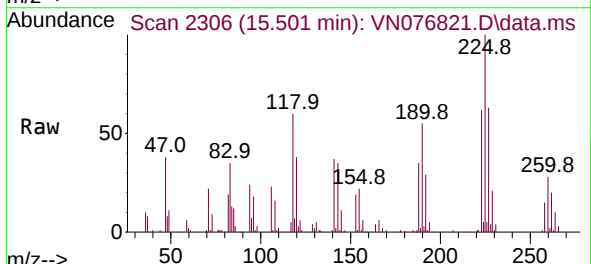
Manual Integrations  
APPROVED

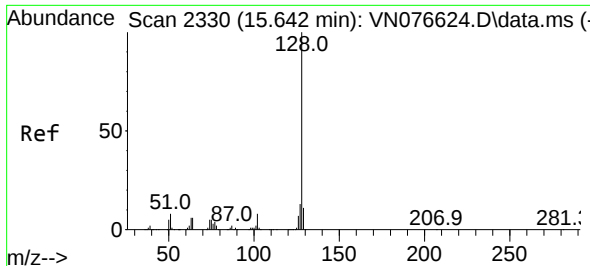
Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#94  
Hexachlorobutadiene  
Concen: 50.224 ug/l  
RT: 15.501 min Scan# 2306  
Delta R.T. -0.006 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

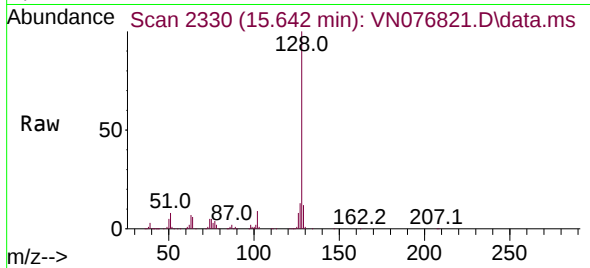
Tgt Ion:225 Resp: 106566  
Ion Ratio Lower Upper  
225 100  
223 64.1 31.6 95.0  
227 64.2 31.3 93.9





#95  
Naphthalene  
Concen: 53.222 ug/l  
RT: 15.642 min Scan# 2330  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

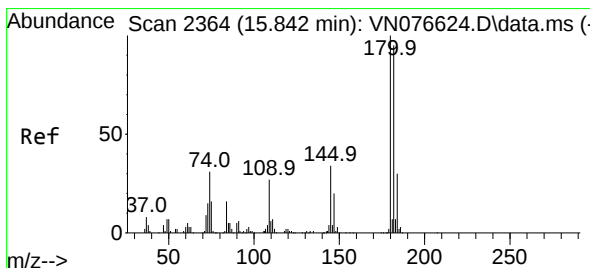
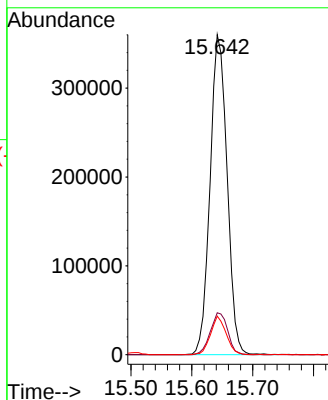
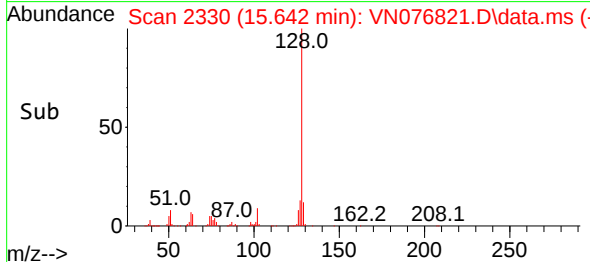
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:128 Resp: 69919  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 16.0  
129 11.0 8.6 13.0

Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/28/2023  
Supervised By :Mahesh Dadoda 02/28/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 52.791 ug/l  
RT: 15.842 min Scan# 2364  
Delta R.T. -0.000 min  
Lab File: VN076821.D  
Acq: 27 Feb 2023 16:58

Tgt Ion:180 Resp: 221417  
Ion Ratio Lower Upper  
180 100  
182 95.6 46.7 140.1  
145 32.7 16.0 47.9

