

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072424\  
 Data File : VN083033.D  
 Acq On : 24 Jul 2024 16:55  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/25/2024  
 Supervised By : Mahesh Dadoda 07/25/2024

Quant Time: Jul 25 02:41:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 168173   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 279444   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 267521   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 133662   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 127753   | 54.191   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 108.380% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 101596   | 56.659   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 113.320% |
| 50) Toluene-d8              | 10.570 | 98    | 368319   | 55.613   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 111.220% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 121800   | 51.198   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 102.400% |

|                              |       |     |         |         |        |        |
|------------------------------|-------|-----|---------|---------|--------|--------|
| Target Compounds             |       |     |         |         |        | Qvalue |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 97590   | 44.822  | ug/l   | 98     |
| 3) Chloromethane             | 2.359 | 50  | 77302   | 37.438  | ug/l   | 97     |
| 4) Vinyl Chloride            | 2.512 | 62  | 99763   | 46.004  | ug/l   | 96     |
| 5) Bromomethane              | 2.942 | 94  | 69733   | 44.599  | ug/l   | 90     |
| 6) Chloroethane              | 3.112 | 64  | 83474   | 56.250  | ug/l   | 97     |
| 7) Trichlorofluoromethane    | 3.489 | 101 | 158737  | 50.894  | ug/l   | 99     |
| 8) Diethyl Ether             | 3.965 | 74  | 52053   | 48.764  | ug/l   | 83     |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 94468   | 53.515  | ug/l   | 98     |
| 10) Methyl Iodide            | 4.588 | 142 | 83783   | 46.293  | ug/l   | 99     |
| 11) Tert butyl alcohol       | 5.524 | 59  | 107493  | 271.099 | ug/l   | 99     |
| 12) 1,1-Dichloroethene       | 4.341 | 96  | 83178   | 48.450  | ug/l   | 91     |
| 13) Acrolein                 | 4.183 | 56  | 150145  | 524.490 | ug/l   | 99     |
| 14) Allyl chloride           | 5.030 | 41  | 133653  | 49.931  | ug/l   | 94     |
| 15) Acrylonitrile            | 5.724 | 53  | 247260  | 271.345 | ug/l   | 100    |
| 16) Acetone                  | 4.430 | 43  | 215850  | 260.062 | ug/l   | 94     |
| 17) Carbon Disulfide         | 4.712 | 76  | 201340  | 39.248  | ug/l   | 100    |
| 18) Methyl Acetate           | 5.024 | 43  | 147323  | 67.080  | ug/l # | 88     |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 309930  | 52.335  | ug/l   | 97     |
| 20) Methylene Chloride       | 5.277 | 84  | 104502  | 52.135  | ug/l   | 85     |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 89485   | 48.106  | ug/l   | 90     |
| 22) Diisopropyl ether        | 6.671 | 45  | 301394  | 53.820  | ug/l   | 93     |
| 23) Vinyl Acetate            | 6.606 | 43  | 1156317 | 260.010 | ug/l # | 94     |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 187464  | 55.187  | ug/l   | 97     |
| 25) 2-Butanone               | 7.482 | 43  | 339758  | 271.102 | ug/l   | 94     |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 171025  | 54.151  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 115371  | 52.976  | ug/l   | 87     |
| 28) Bromochloromethane       | 7.818 | 49  | 84500   | 57.986  | ug/l # | 79     |
| 29) Tetrahydrofuran          | 7.841 | 42  | 213805  | 270.987 | ug/l # | 85     |
| 30) Chloroform               | 7.971 | 83  | 201686  | 55.967  | ug/l   | 96     |
| 31) Cyclohexane              | 8.259 | 56  | 136674  | 44.345  | ug/l   | 90     |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 178728  | 53.418  | ug/l   | 99     |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 129805  | 52.505  | ug/l   | 99     |
| 37) Ethyl Acetate            | 7.565 | 43  | 131152  | 52.107  | ug/l # | 94     |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 155997  | 52.407  | ug/l   | 99     |
| 39) Methylcyclohexane        | 9.600 | 83  | 117758  | 44.096  | ug/l   | 95     |
| 40) Benzene                  | 8.606 | 78  | 411628  | 54.128  | ug/l   | 97     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/25/2024  
 Supervised By : Mahesh Dadoda 07/25/2024

Quant Time: Jul 25 02:41:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 72478    | 53.450   | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 154203   | 56.326   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 236952   | 49.923   | ug/l # | 93       |
| 44) Trichloroethene           | 9.353  | 130  | 93840    | 48.165   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 103956   | 58.553   | ug/l   | 94       |
| 46) Dibromomethane            | 9.712  | 93   | 79771    | 57.674   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.894  | 83   | 164328   | 57.500   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.682  | 41   | 109183   | 55.322   | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 46890    | 1094.688 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 751243   | 301.066  | ug/l   | 96       |
| 52) Toluene                   | 10.629 | 92   | 259192   | 54.562   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 161879   | 54.984   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 167998   | 53.909   | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 105905   | 60.627   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 161903   | 59.573   | ug/l   | 88       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 177728   | 57.478   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 433429   | 310.806  | ug/l   | 96       |
| 59) 2-Hexanone                | 11.194 | 43   | 554393   | 298.833  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.359 | 129  | 128975   | 57.969   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 106115   | 57.203   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 90703    | 45.445   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 292103   | 50.955   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.964 | 131  | 113696   | 55.759   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.964 | 91   | 494952   | 51.372   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 388681   | 106.855  | ug/l   | 96       |
| 69) o-Xylene                  | 12.400 | 106  | 181584   | 52.099   | ug/l   | 96       |
| 70) Styrene                   | 12.412 | 104  | 327353   | 56.844   | ug/l   | 97       |
| 71) Bromoform                 | 12.576 | 173  | 90273    | 56.294   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 464402   | 47.815   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 203822   | 50.734   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 152457   | 52.412   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 138946m  | 60.296   | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 119311   | 47.617   | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 562488   | 50.370   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 337243   | 47.397   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 388147   | 49.440   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 58713    | 50.109   | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 335627   | 47.656   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 325465   | 46.761   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 396859   | 49.596   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 460380   | 48.948   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 381736   | 48.646   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 222752   | 49.212   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 216085   | 46.161   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.058 | 91   | 311080   | 46.272   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 78333    | 47.176   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 217094   | 49.398   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 30400    | 45.174   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 99465    | 42.017   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 43448    | 41.401   | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 346510   | 42.736   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 104371   | 42.880   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

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Supervised By :Mahesh Dadoda 07/25/2024

Quant Time: Jul 25 02:41:26 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 08 13:46:04 2024  
Response via : Initial Calibration

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

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

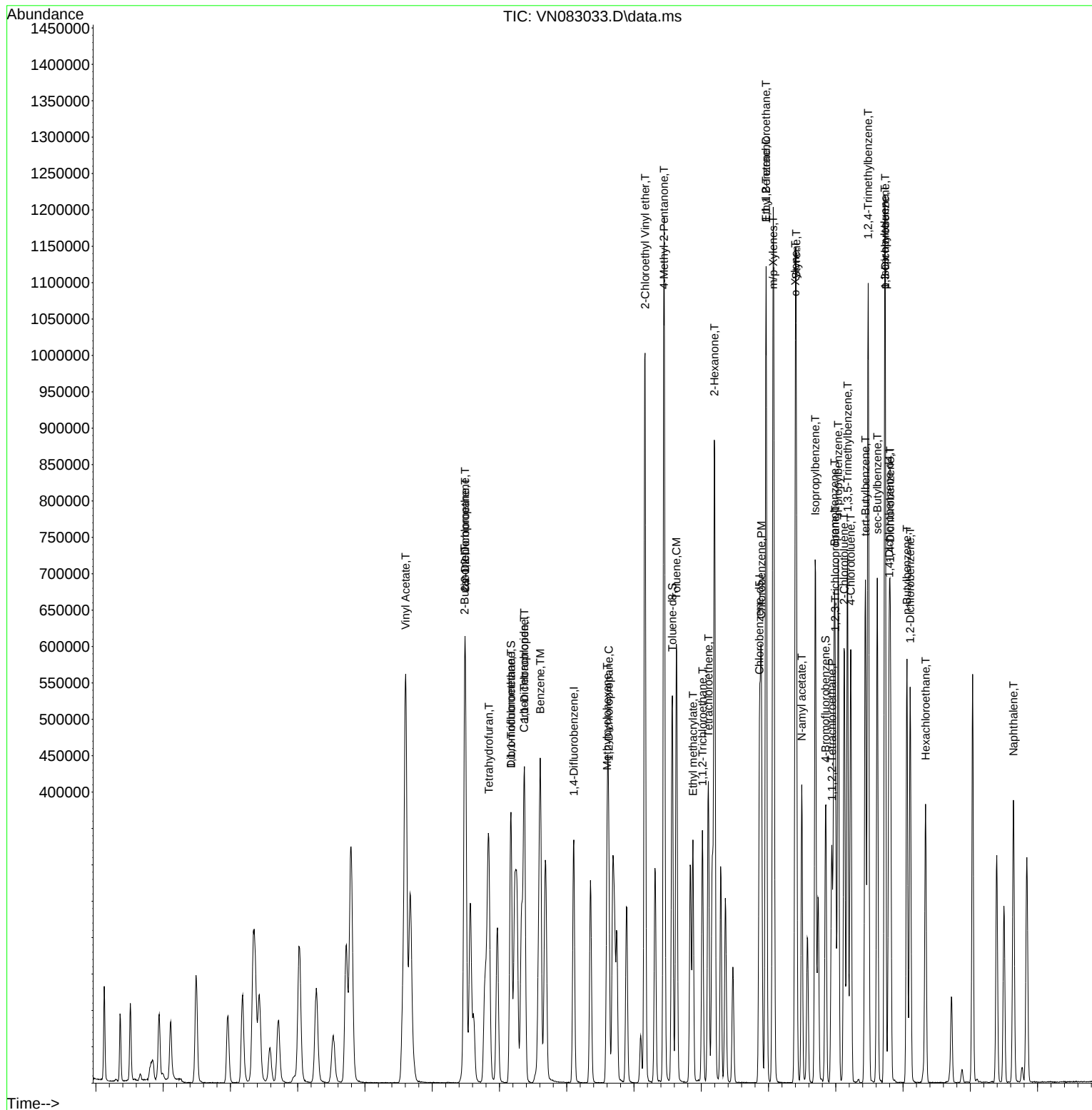
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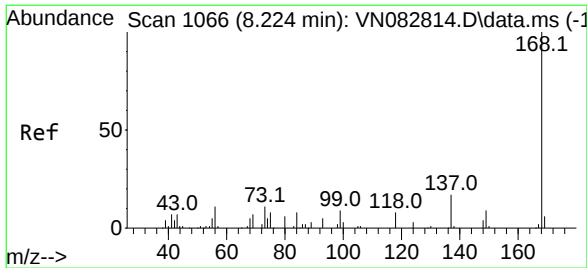
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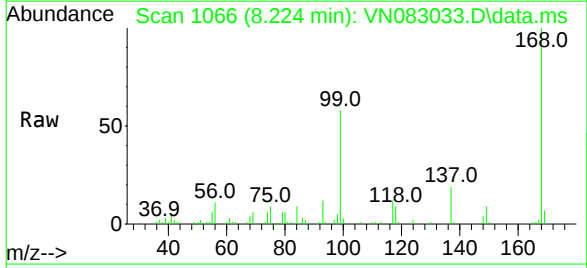
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#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

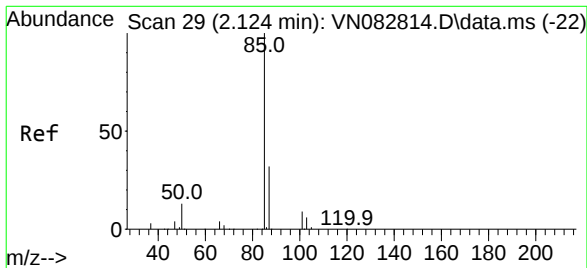
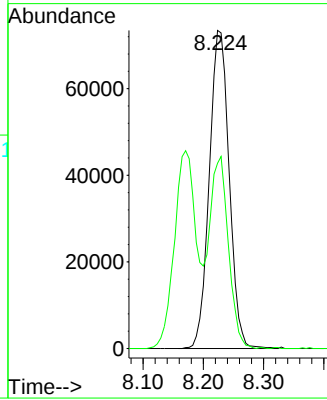
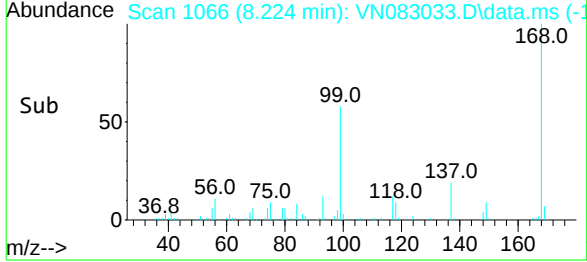
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 168 Resp: 168173  
Ion Ratio Lower Upper  
168 100  
99 57.9 48.2 72.4

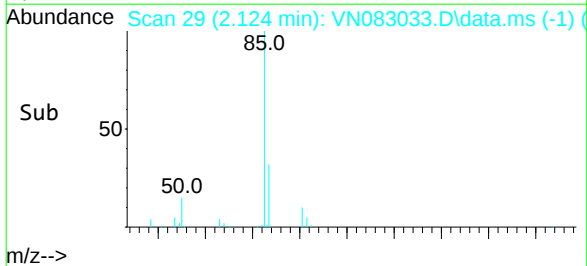
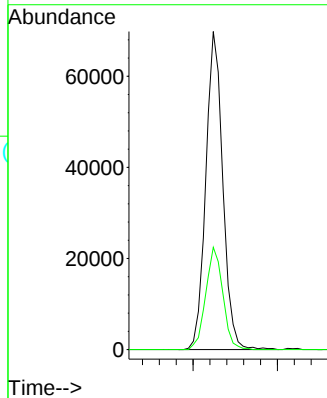
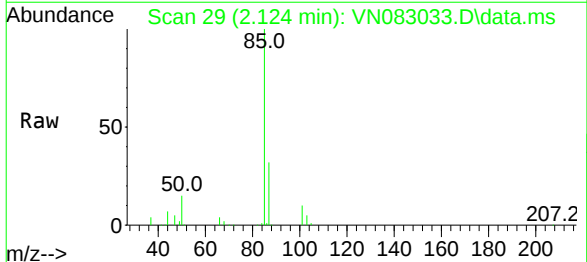
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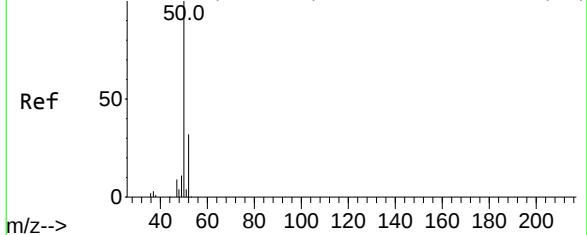


#2  
Dichlorodifluoromethane  
Concen: 44.822 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 85 Resp: 97590  
Ion Ratio Lower Upper  
85 100  
87 32.2 15.7 47.0



Abundance Scan 69 (2.359 min): VN082814.D\data.ms (-63)



#3

Chloromethane

Concen: 37.438 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

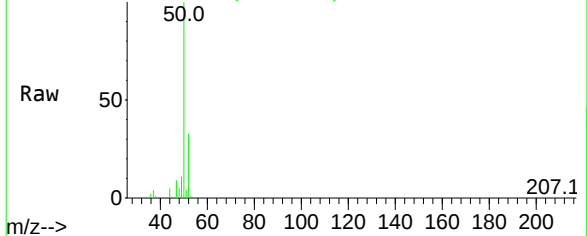
Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Abundance Scan 69 (2.359 min): VN083033.D\data.ms



Tgt Ion: 50 Resp: 77302

Ion Ratio Lower Upper

50 100

52 32.8 25.0 37.4

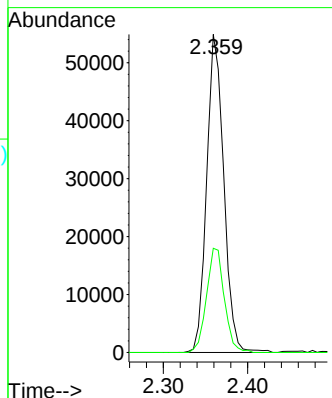
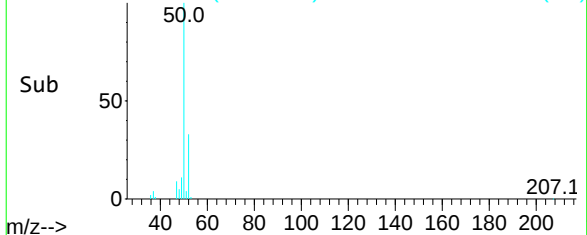
Manual Integrations

APPROVED

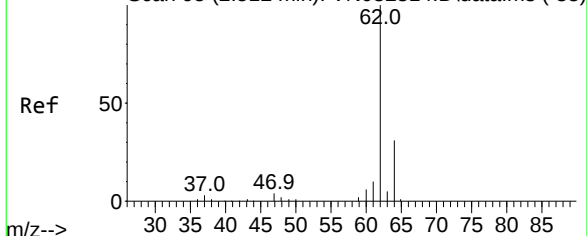
Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024

Abundance Scan 69 (2.359 min): VN083033.D\data.ms (-18)



Abundance Scan 95 (2.512 min): VN082814.D\data.ms (-88)



#4

Vinyl Chloride

Concen: 46.004 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

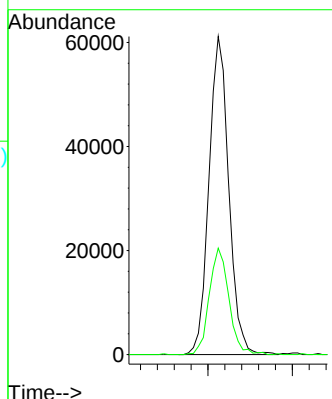
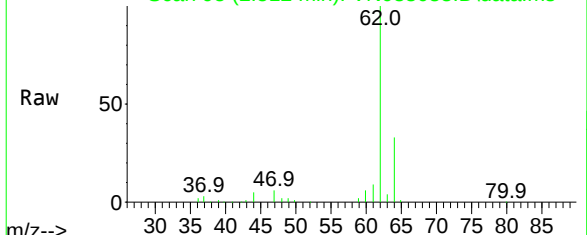
Tgt Ion: 62 Resp: 99763

Ion Ratio Lower Upper

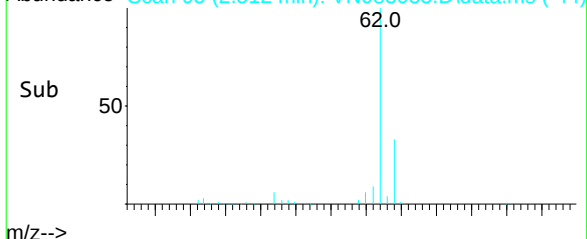
62 100

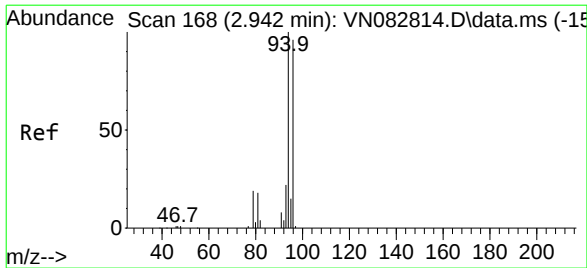
64 33.5 25.0 37.6

Abundance Scan 95 (2.512 min): VN083033.D\data.ms



Abundance Scan 95 (2.512 min): VN083033.D\data.ms (-44)





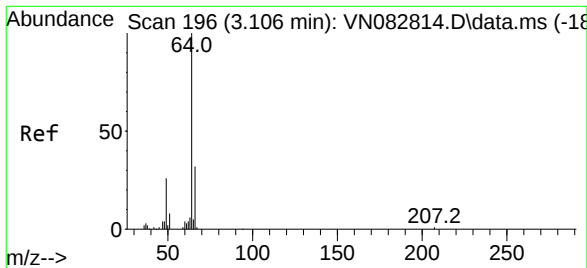
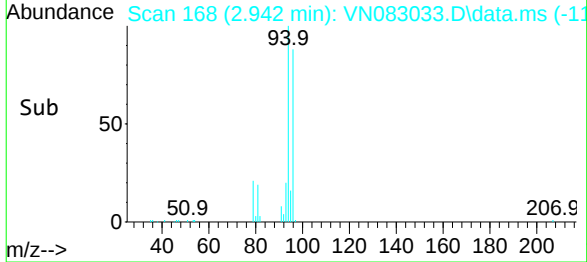
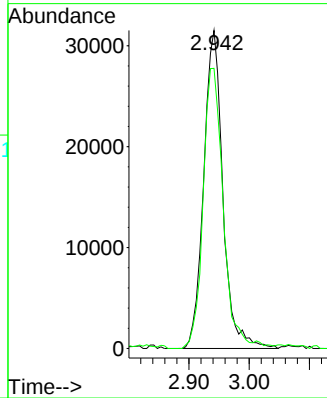
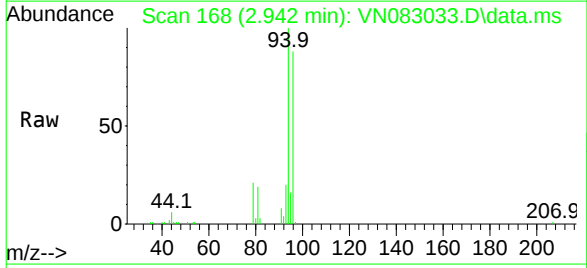
#5  
Bromomethane  
Concen: 44.599 ug/l  
RT: 2.942 min Scan# 168  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 69733  
Ion Ratio Lower Upper  
94 100  
96 88.1 78.0 117.0

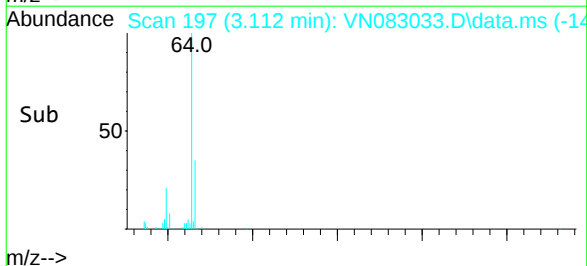
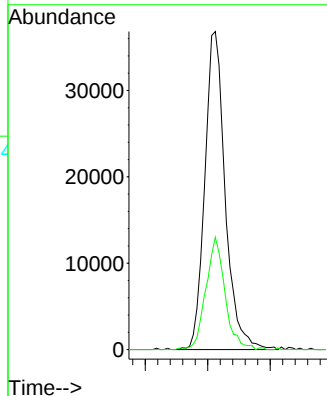
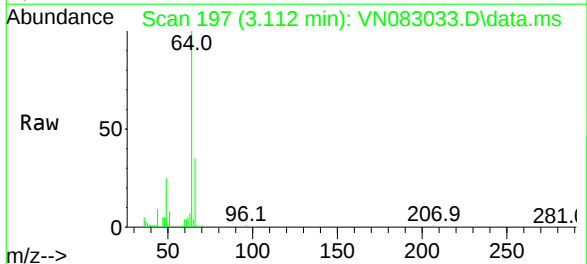
Manual Integrations  
APPROVED

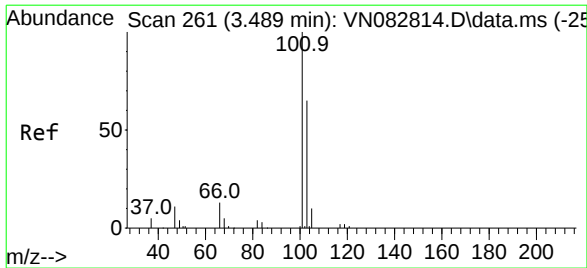
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#6  
Chloroethane  
Concen: 56.250 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 64 Resp: 83474  
Ion Ratio Lower Upper  
64 100  
66 34.9 26.6 40.0





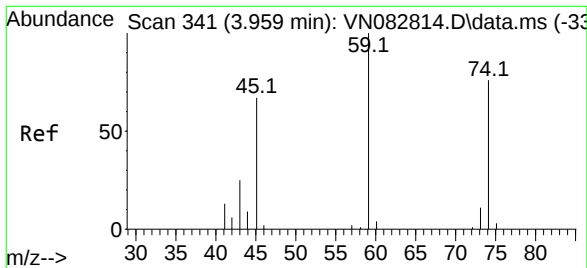
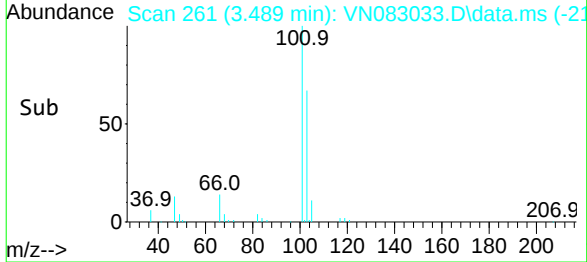
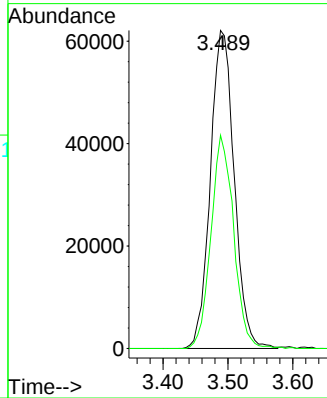
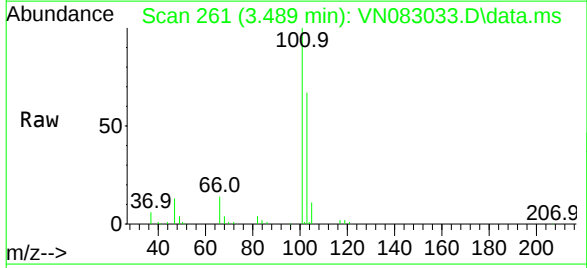
#7  
Trichlorofluoromethane  
Concen: 50.894 ug/l  
RT: 3.489 min Scan# 261  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 158737  
Ion Ratio Lower Upper  
101 100  
103 67.0 52.7 79.1

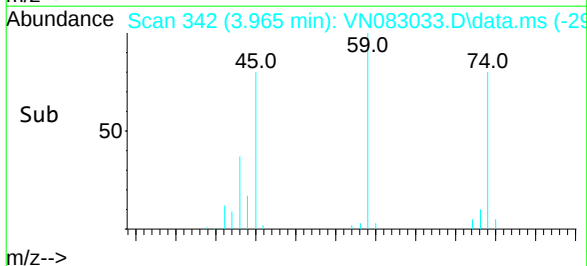
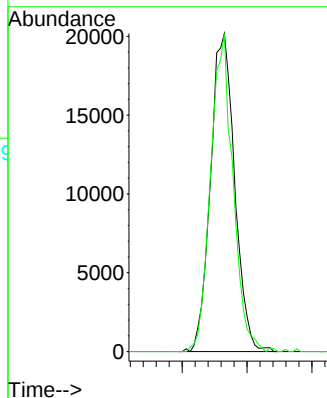
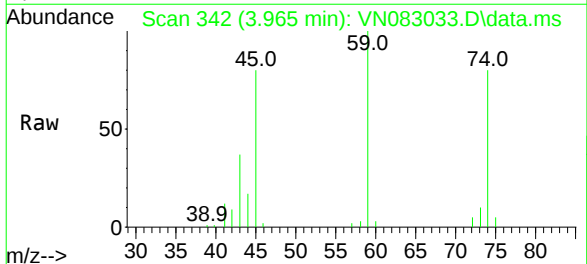
Manual Integrations  
APPROVED

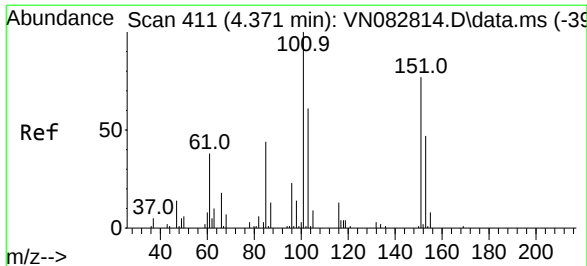
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#8  
Diethyl Ether  
Concen: 48.764 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

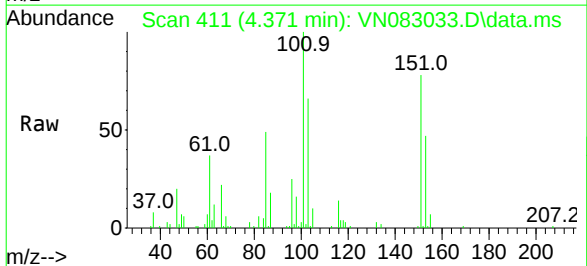
Tgt Ion: 74 Resp: 52053  
Ion Ratio Lower Upper  
74 100  
45 92.4 55.5 166.3





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.515 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

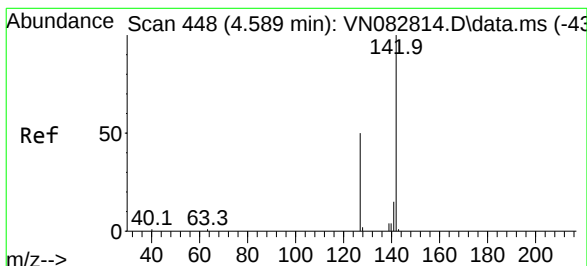
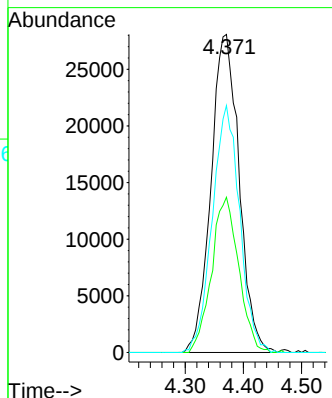
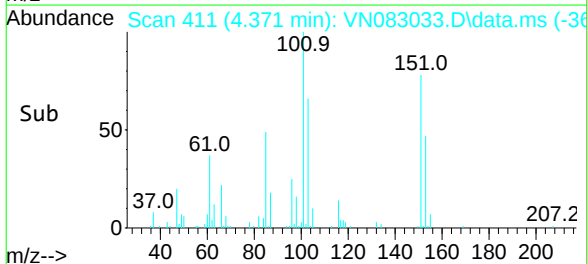
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



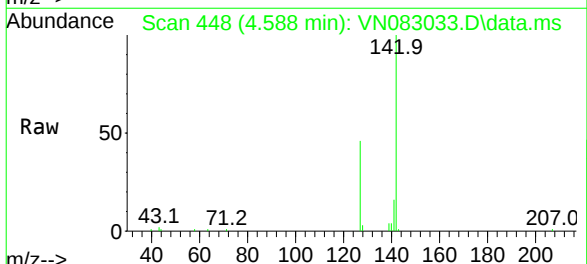
Tgt Ion:101 Resp: 94468  
Ion Ratio Lower Upper  
101 100  
85 47.0 38.3 57.5  
151 75.6 59.3 88.9

Manual Integrations  
APPROVED

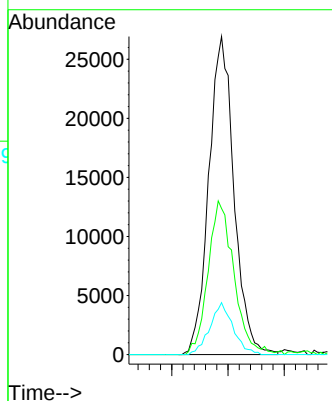
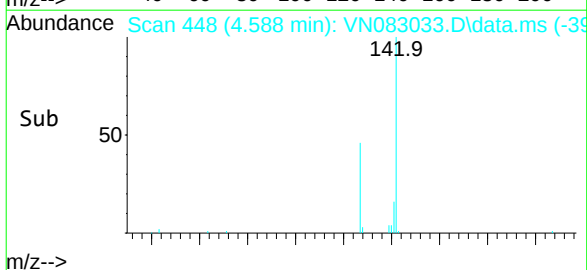
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024

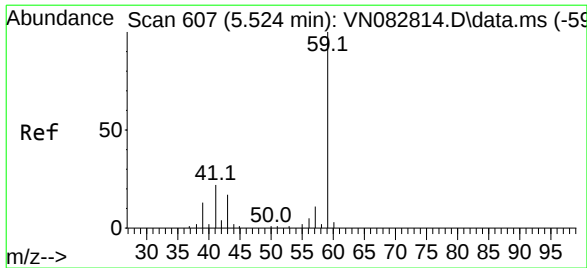


#10  
Methyl Iodide  
Concen: 46.293 ug/l  
RT: 4.588 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55



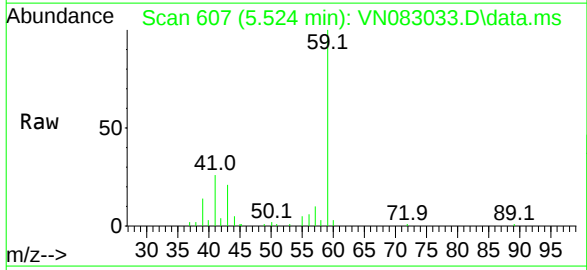
Tgt Ion:142 Resp: 83783  
Ion Ratio Lower Upper  
142 100  
127 45.9 37.5 56.3  
141 16.3 13.1 19.7





#11  
Tert butyl alcohol  
Concen: 271.099 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

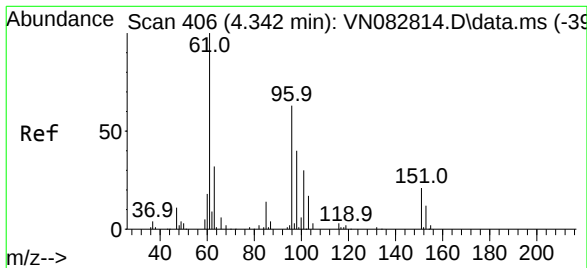
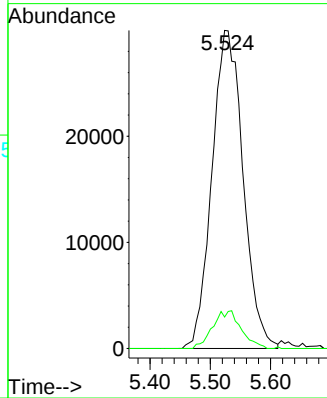
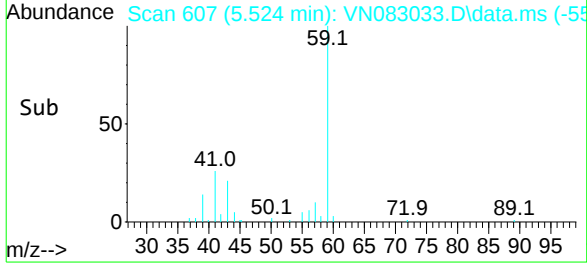
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



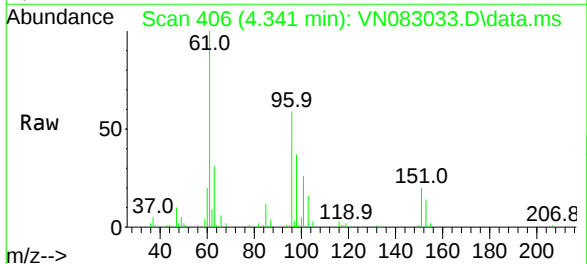
Tgt Ion: 59 Resp: 107493  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.9 13.3

Manual Integrations  
APPROVED

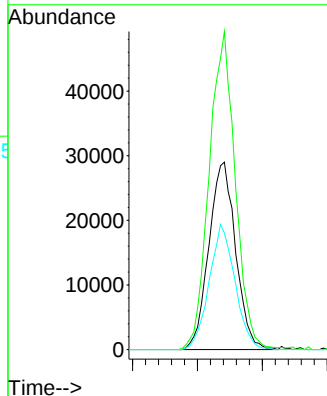
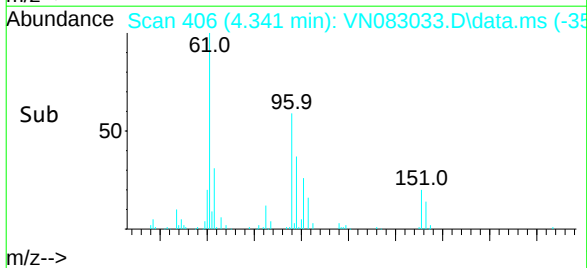
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024

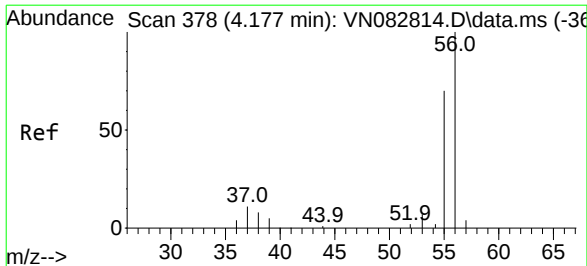


#12  
1,1-Dichloroethene  
Concen: 48.450 ug/l  
RT: 4.341 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55



Tgt Ion: 96 Resp: 83178  
Ion Ratio Lower Upper  
96 100  
61 169.7 149.7 224.5  
98 62.1 50.1 75.1





#13

Acrolein

Concen: 524.490 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 150145

Ion Ratio Lower Upper

56 100

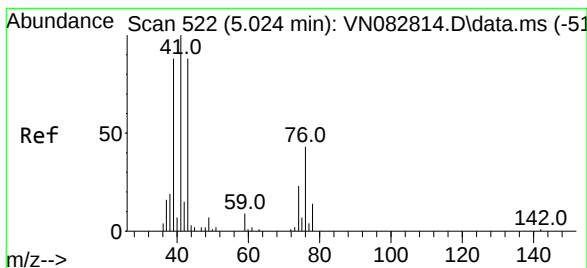
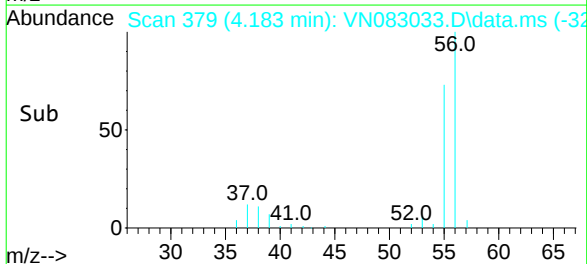
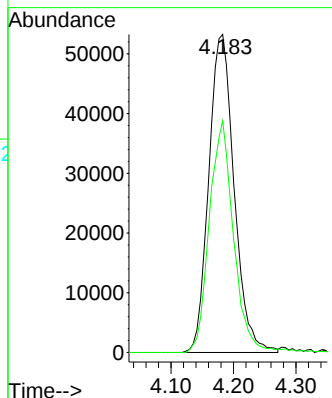
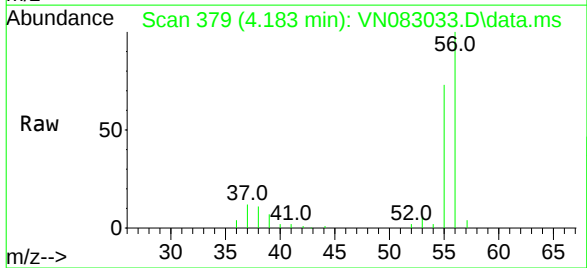
55 70.0 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#14

Allyl chloride

Concen: 49.931 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

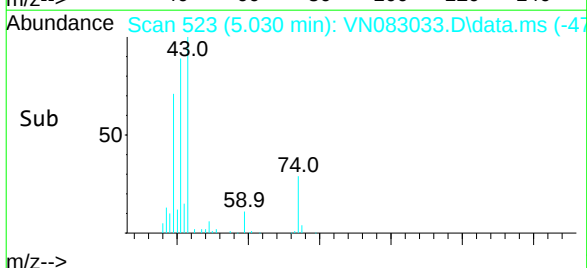
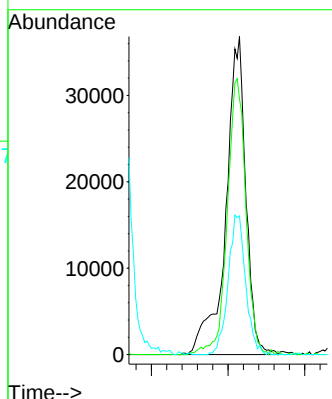
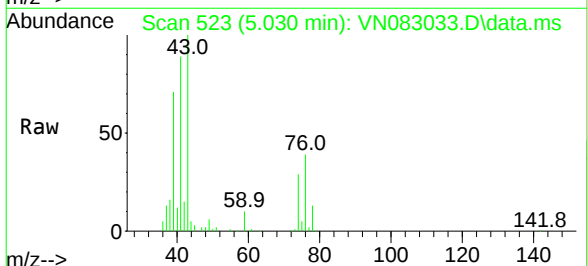
Tgt Ion: 41 Resp: 133653

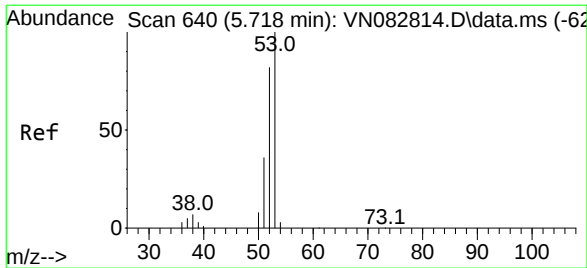
Ion Ratio Lower Upper

41 100

39 80.3 67.8 101.6

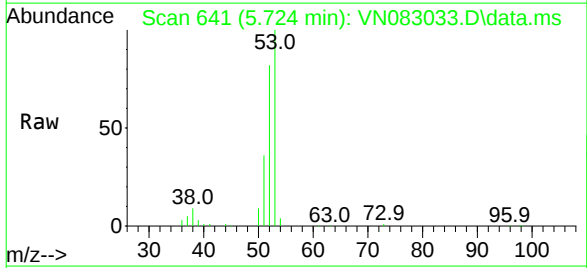
76 38.1 25.8 38.8





#15  
Acrylonitrile  
Concen: 271.345 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

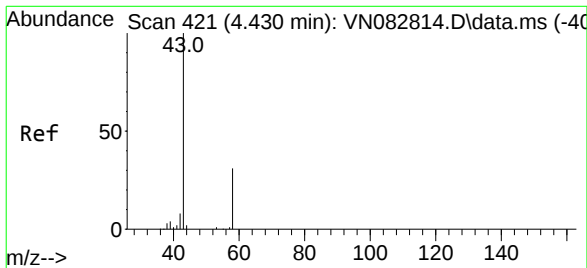
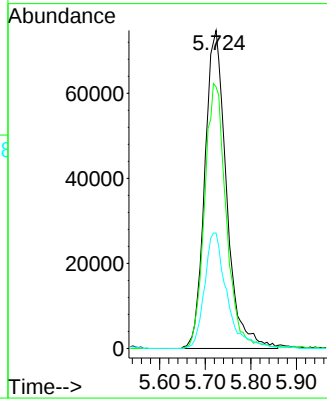
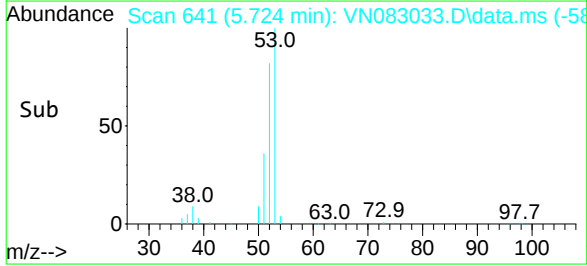
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 53 Resp: 247260  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.6 100.0  
51 37.6 30.1 45.1

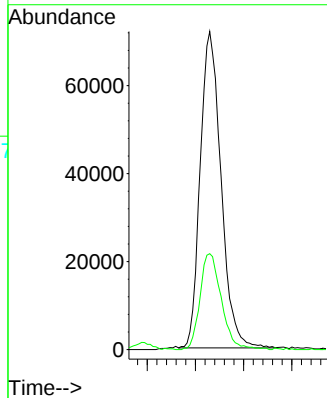
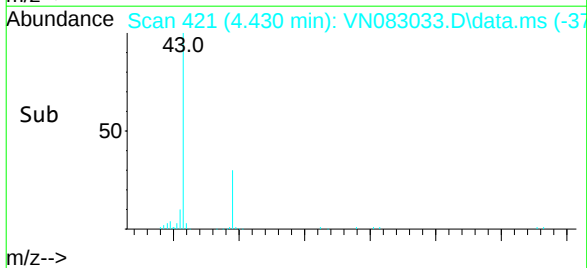
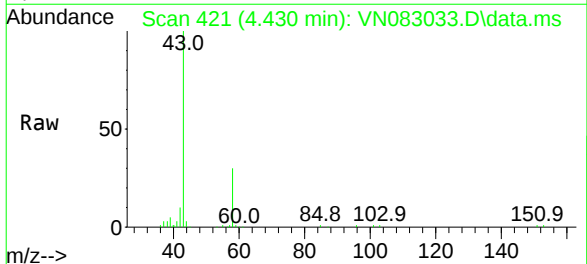
Manual Integrations  
APPROVED

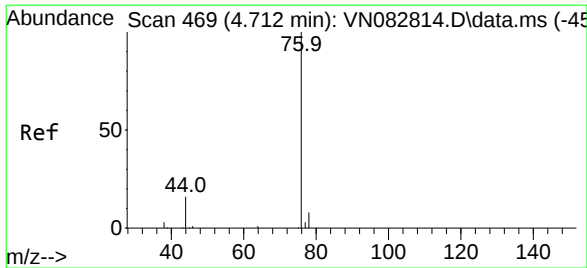
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#16  
Acetone  
Concen: 260.062 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

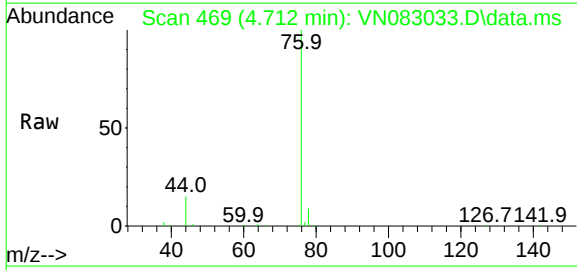
Tgt Ion: 43 Resp: 215850  
Ion Ratio Lower Upper  
43 100  
58 30.3 21.8 32.6





#17  
Carbon Disulfide  
Concen: 39.248 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

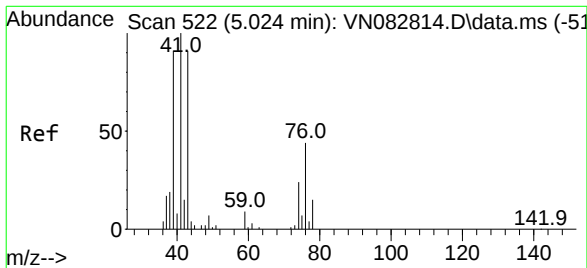
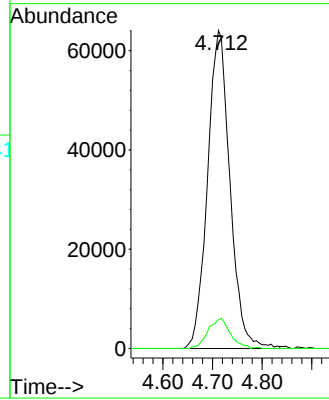
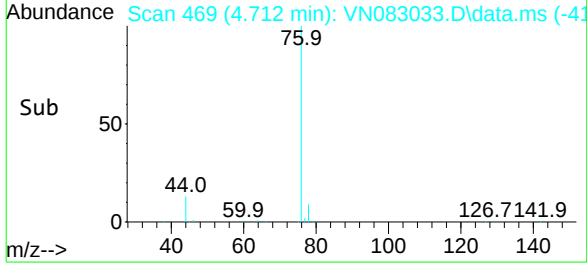
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 201340  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8

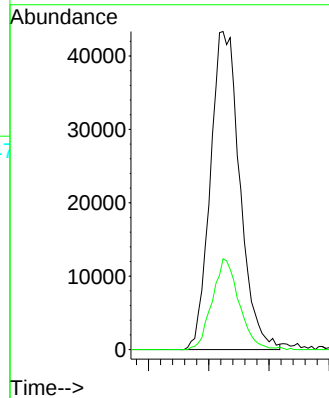
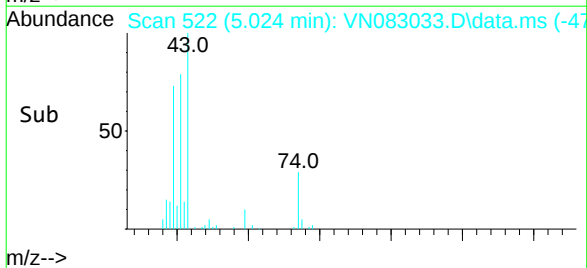
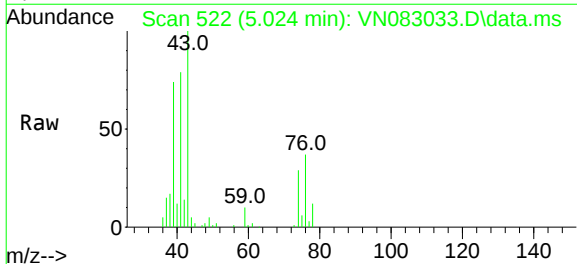
Manual Integrations  
APPROVED

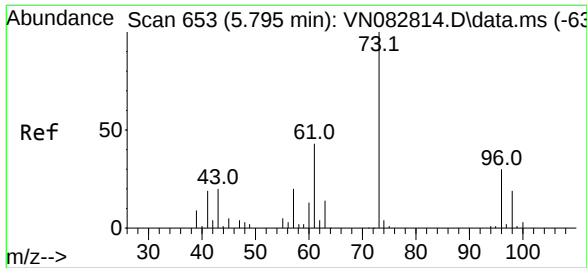
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#18  
Methyl Acetate  
Concen: 67.080 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 43 Resp: 147323  
Ion Ratio Lower Upper  
43 100  
74 25.9 16.3 24.5#





#19

Methyl tert-butyl Ether

Concen: 52.335 ug/l

RT: 5.800 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 309930

Ion Ratio Lower Upper

73 100

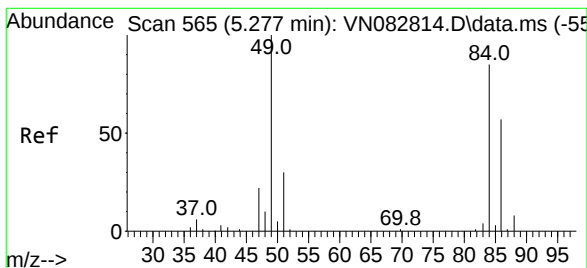
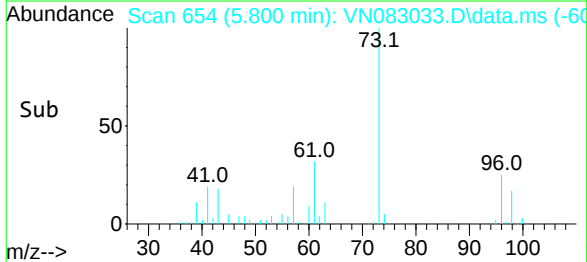
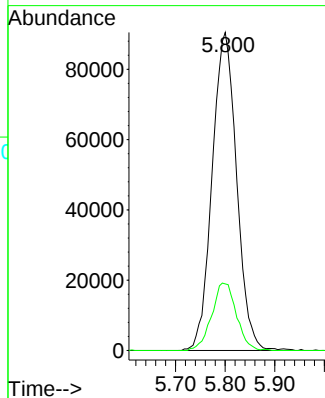
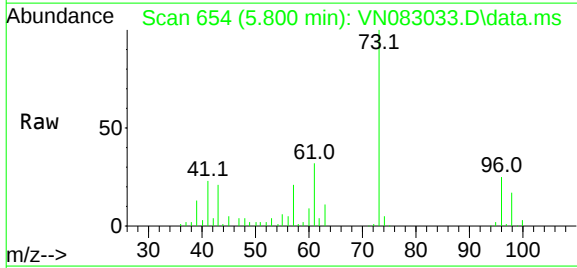
57 20.9 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#20

Methylene Chloride

Concen: 52.135 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Tgt Ion: 84 Resp: 104502

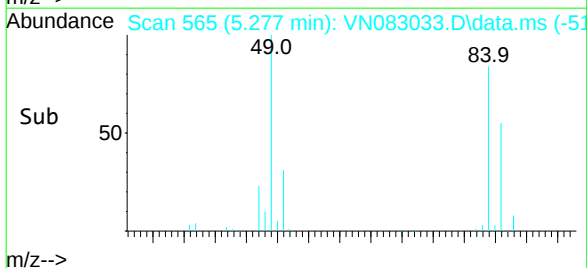
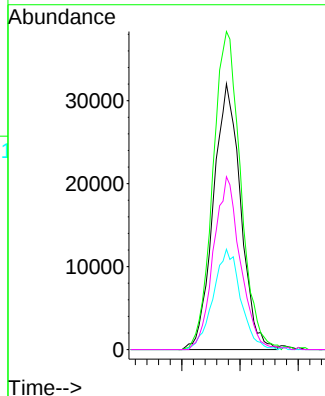
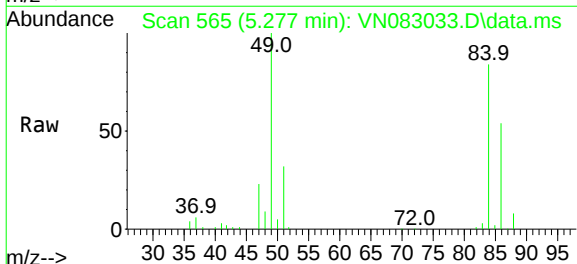
Ion Ratio Lower Upper

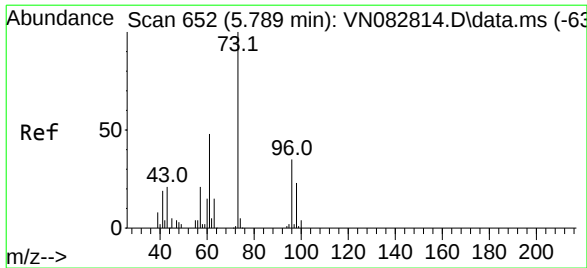
84 100

49 119.7 119.6 179.4

51 37.8 34.8 52.2

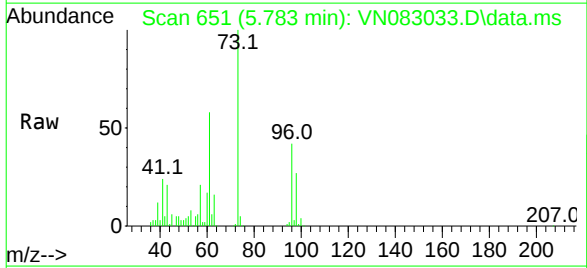
86 65.0 52.9 79.3





#21  
trans-1,2-Dichloroethene  
Concen: 48.106 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

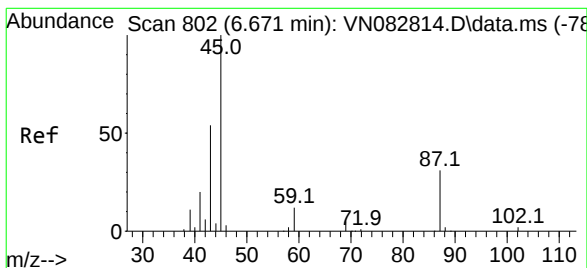
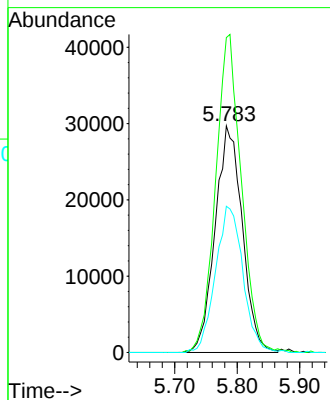
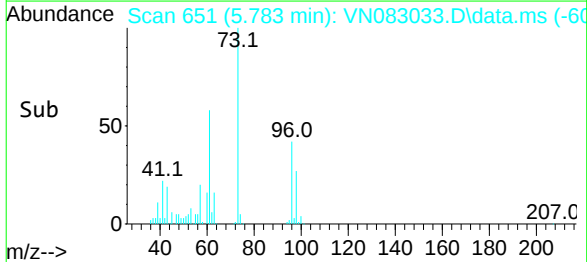
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



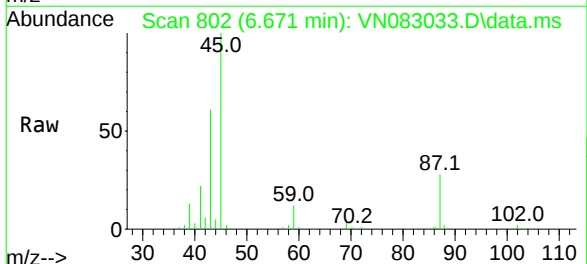
Tgt Ion: 96 Resp: 89485  
Ion Ratio Lower Upper  
96 100  
61 138.9 123.4 185.2  
98 64.5 49.3 73.9

Manual Integrations  
APPROVED

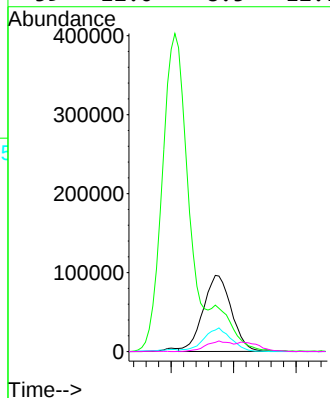
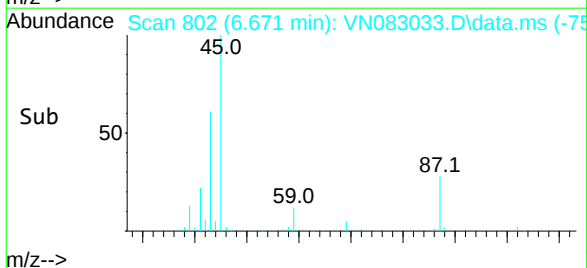
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024

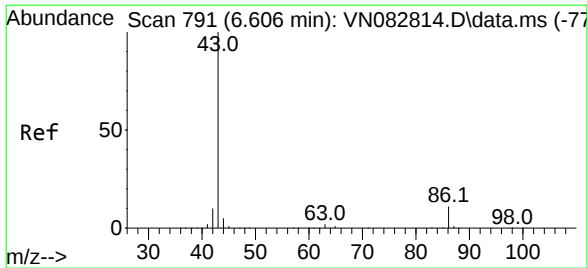


#22  
Diisopropyl ether  
Concen: 53.820 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55



Tgt Ion: 45 Resp: 301394  
Ion Ratio Lower Upper  
45 100  
43 59.9 44.0 66.0  
87 28.4 19.7 29.5  
59 12.0 8.5 12.7





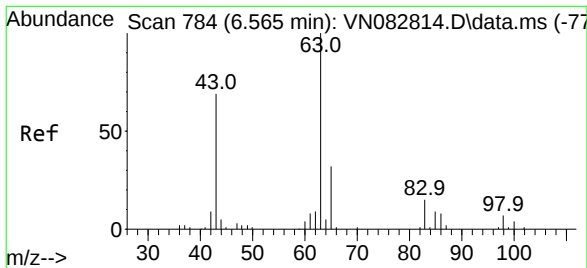
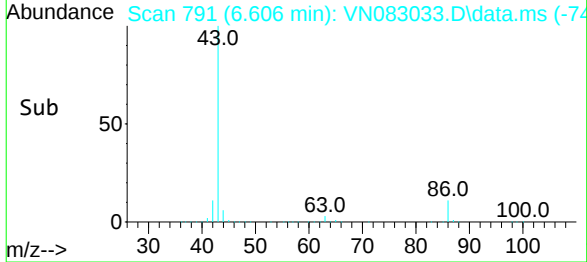
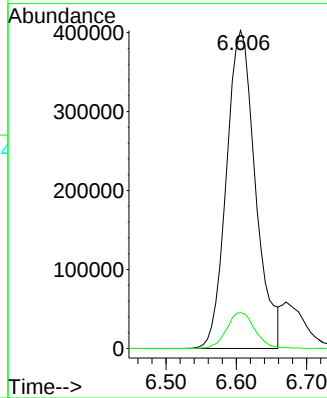
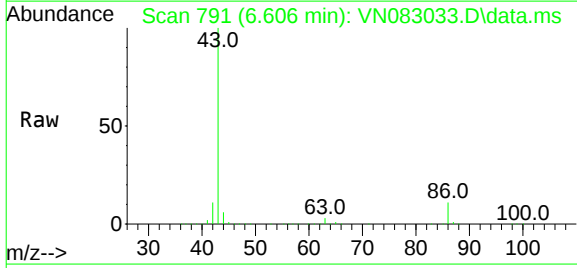
#23  
 Vinyl Acetate  
 Concen: 260.010 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1156317  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.3 10.9#

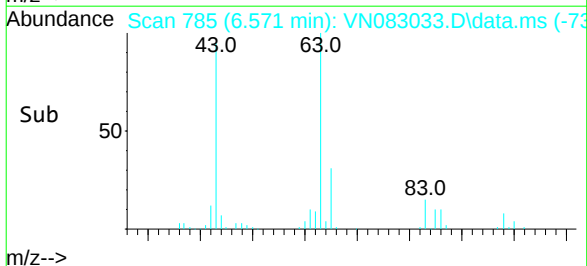
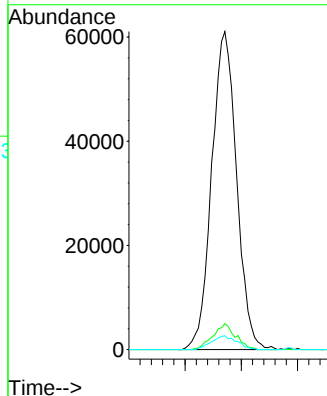
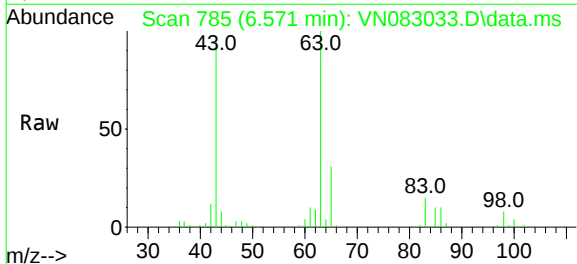
Manual Integrations  
 APPROVED

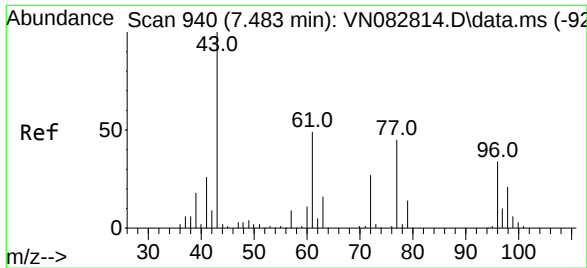
Reviewed By :John Carlone 07/25/2024  
 Supervised By :Mahesh Dadoda 07/25/2024



#24  
 1,1-Dichloroethane  
 Concen: 55.187 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. -0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

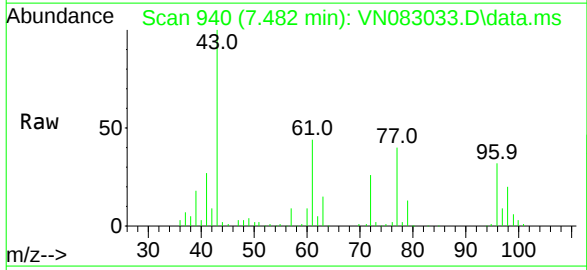
Tgt Ion: 63 Resp: 187464  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.3 9.9  
 100 4.4 2.0 6.0





#25  
2-Butanone  
Concen: 271.102 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

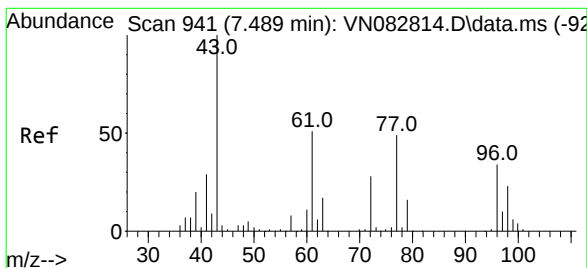
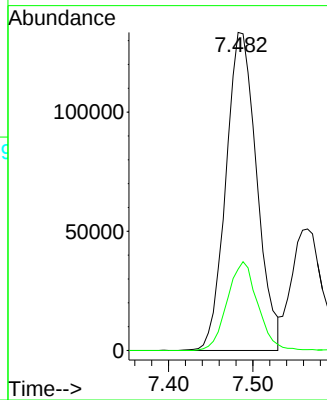
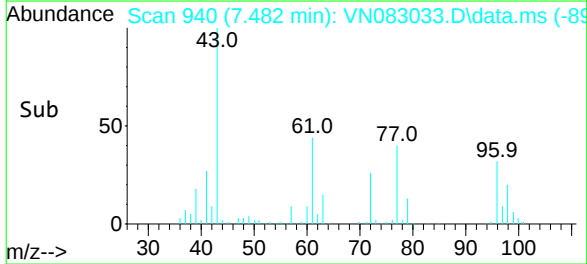
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



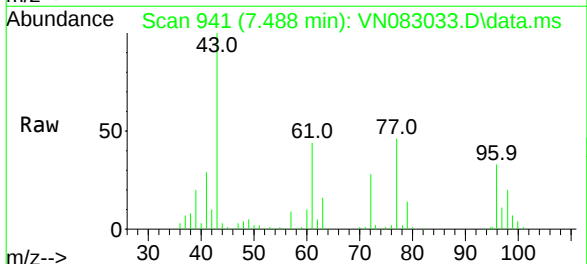
Tgt Ion: 43 Resp: 339758  
Ion Ratio Lower Upper  
43 100  
72 25.6 18.2 27.2

Manual Integrations  
APPROVED

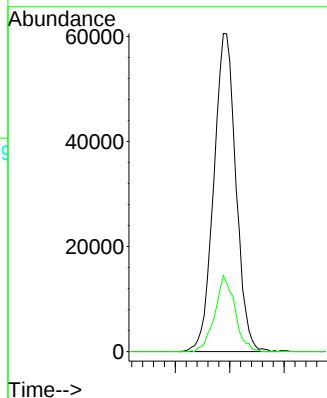
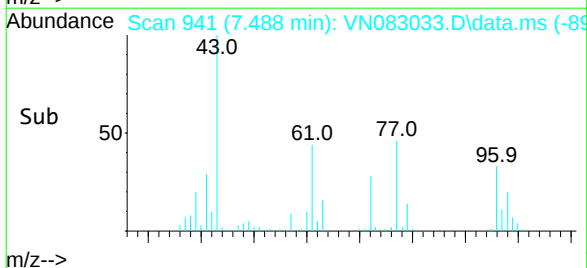
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024

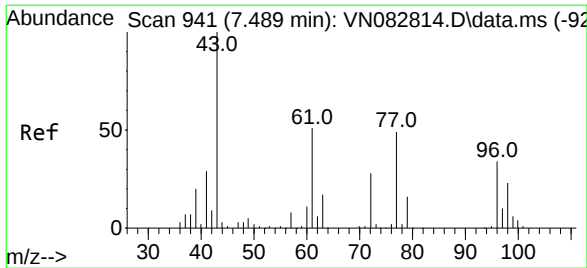


#26  
2,2-Dichloropropane  
Concen: 54.151 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55



Tgt Ion: 77 Resp: 171025  
Ion Ratio Lower Upper  
77 100  
97 21.7 10.3 30.9





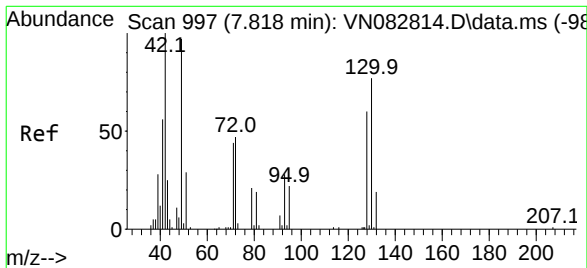
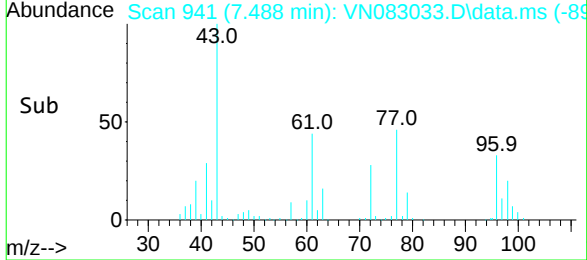
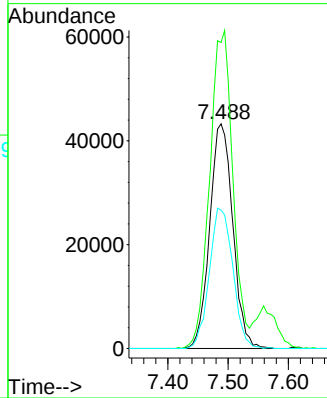
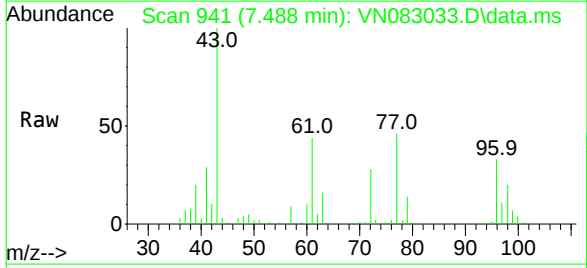
#27  
cis-1,2-Dichloroethene  
Concen: 52.976 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 115371  
Ion Ratio Lower Upper  
96 100  
61 141.9 0.0 329.6  
98 63.6 0.0 128.6

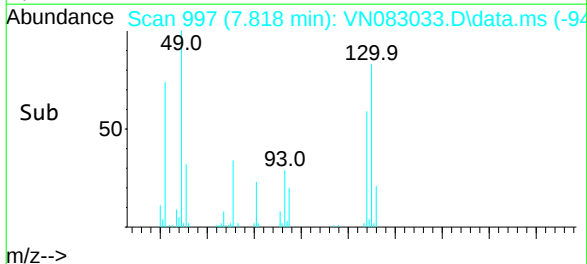
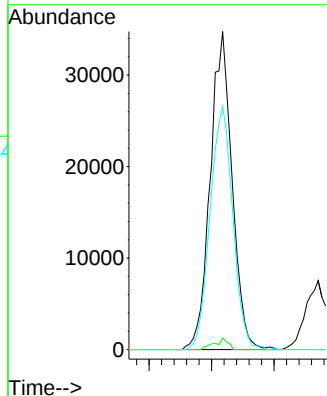
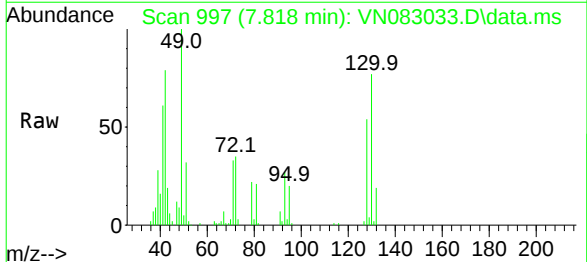
Manual Integrations  
APPROVED

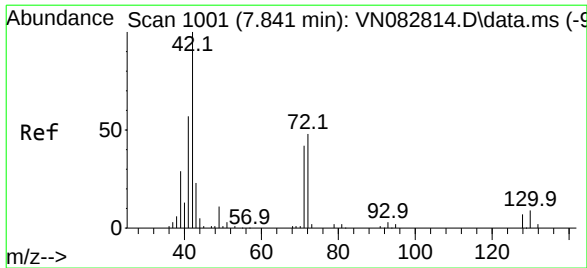
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#28  
Bromochloromethane  
Concen: 57.986 ug/l  
RT: 7.818 min Scan# 997  
Delta R.T. 0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 49 Resp: 84500  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 3.8  
130 79.7 50.5 75.7#





#29

Tetrahydrofuran

Concen: 270.987 ug/l

RT: 7.841 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 213805

Ion Ratio Lower Upper

42 100

72 47.4 30.0 45.0#

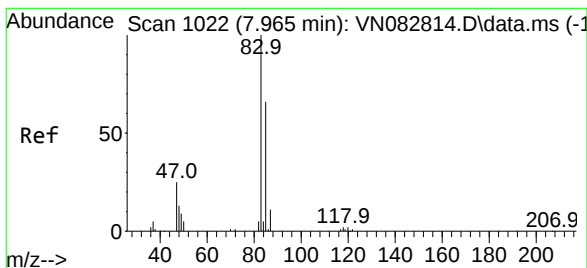
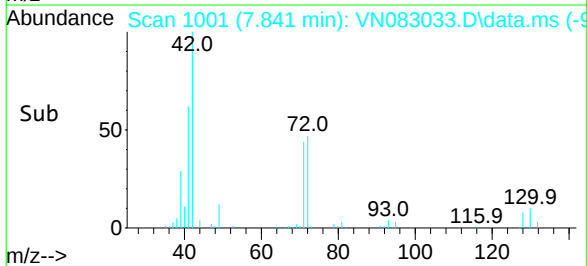
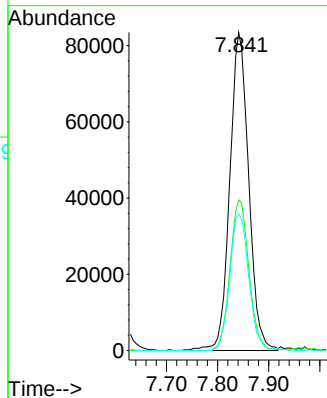
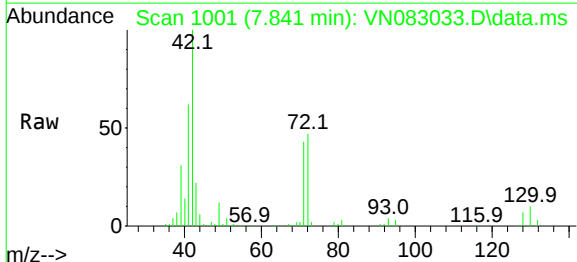
71 43.3 28.3 42.5#

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#30

Chloroform

Concen: 55.967 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN083033.D

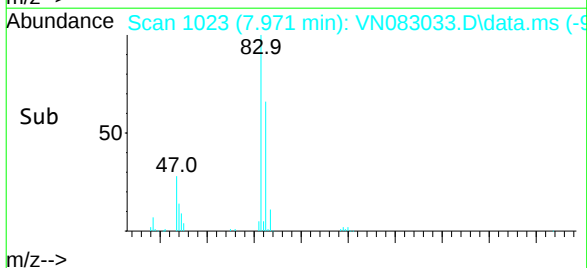
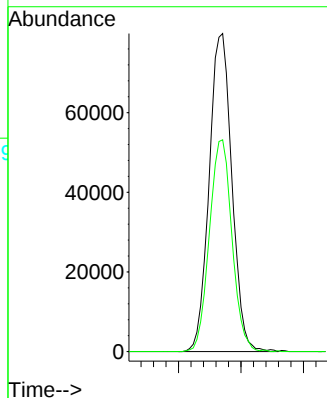
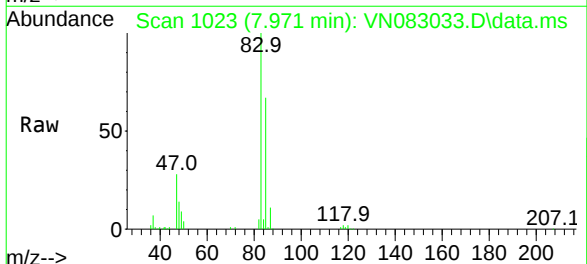
Acq: 24 Jul 2024 16:55

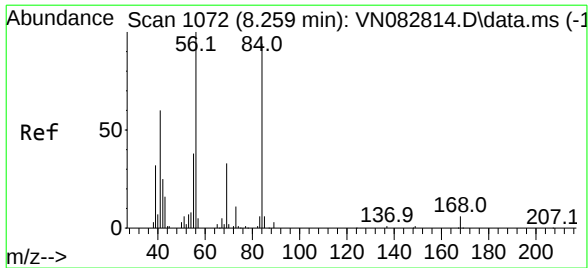
Tgt Ion: 83 Resp: 201686

Ion Ratio Lower Upper

83 100

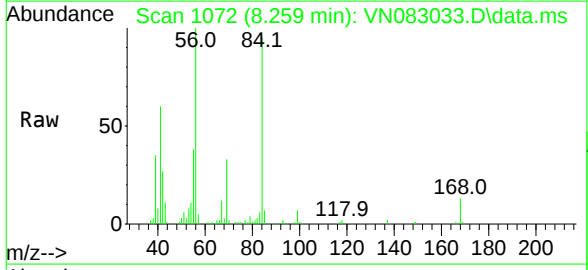
85 66.6 50.9 76.3





#31  
Cyclohexane  
Concen: 44.345 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

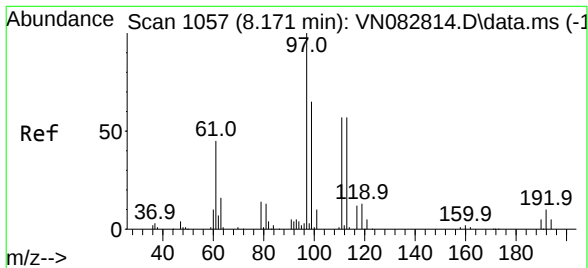
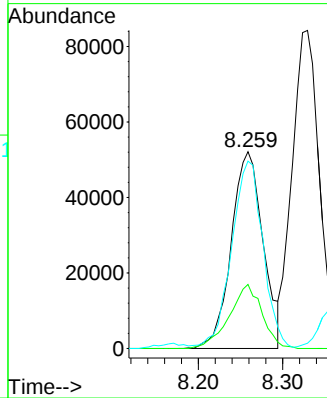
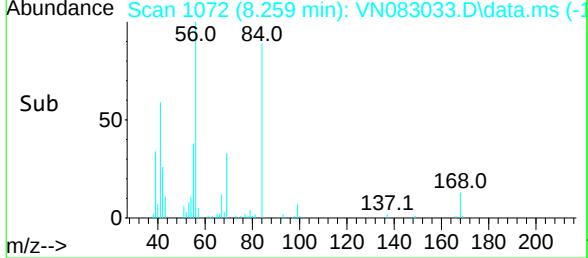
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 136674  
Ion Ratio Lower Upper  
56 100  
69 32.6 24.5 36.7  
84 93.6 66.0 99.0

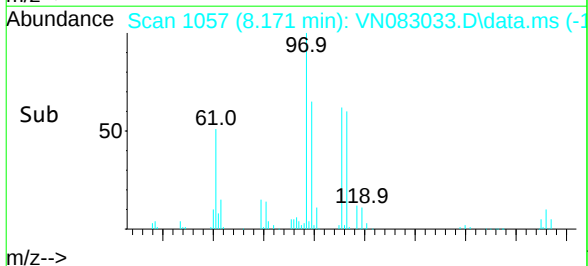
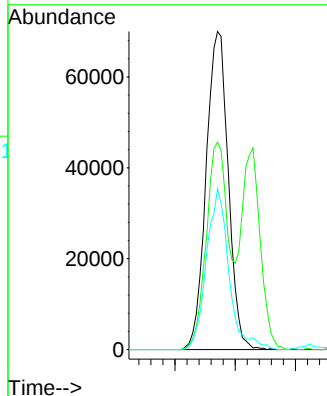
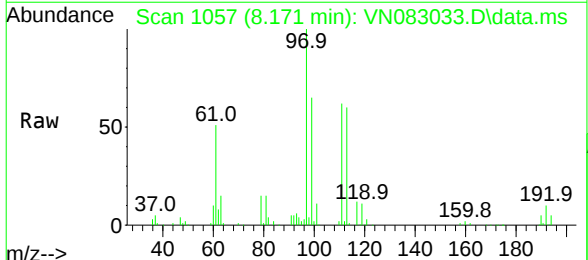
Manual Integrations  
APPROVED

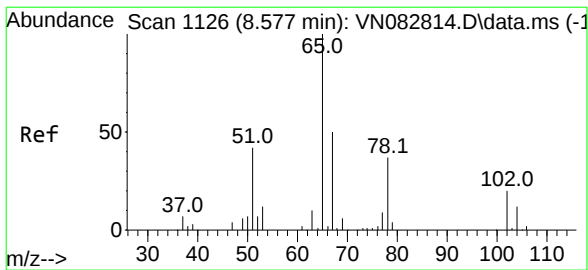
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#32  
1,1,1-Trichloroethane  
Concen: 53.418 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

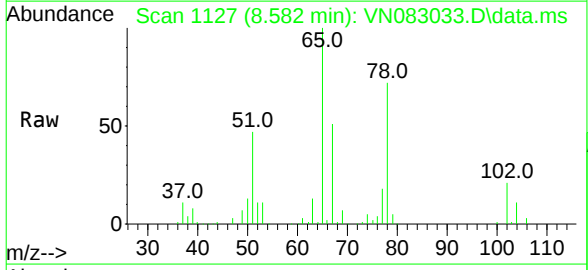
Tgt Ion: 97 Resp: 178728  
Ion Ratio Lower Upper  
97 100  
99 65.6 52.0 78.0  
61 51.4 42.1 63.1





#33  
1,2-Dichloroethane-d4  
Concen: 54.191 ug/l  
RT: 8.582 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

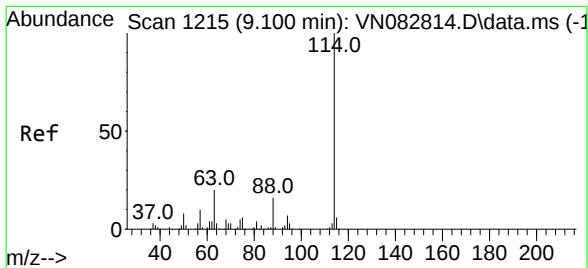
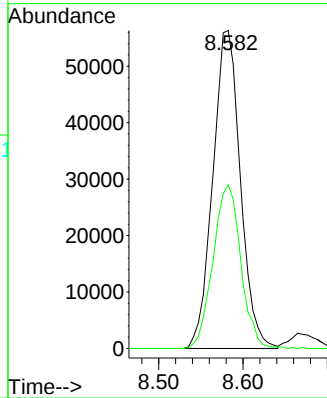
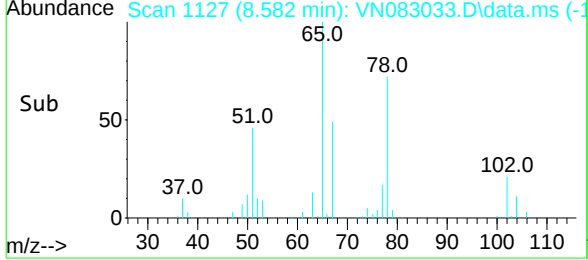
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



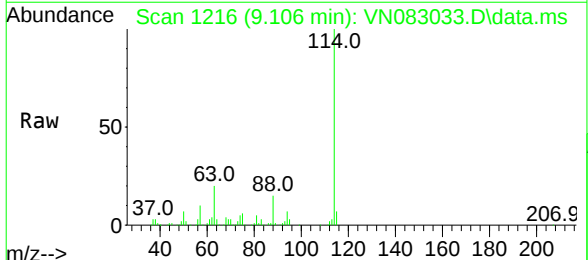
Tgt Ion: 65 Resp: 127753  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 104.4

Manual Integrations  
APPROVED

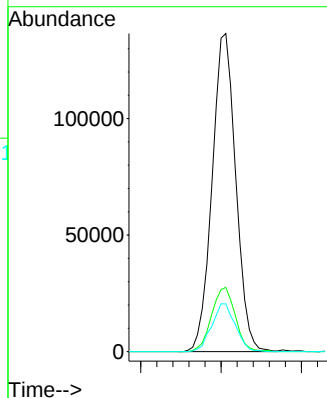
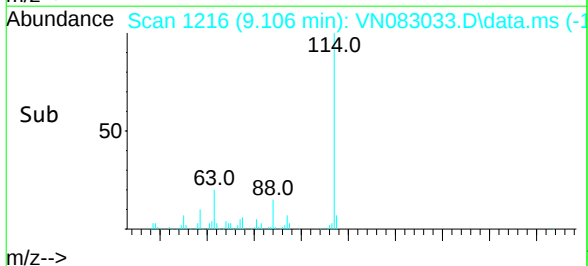
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024

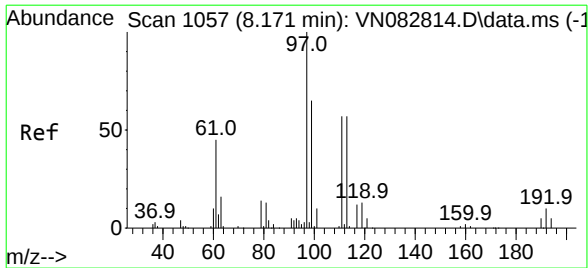


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55



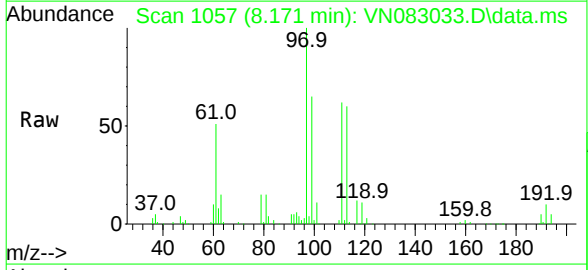
Tgt Ion:114 Resp: 279444  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 44.6  
88 15.0 0.0 31.4





#35  
 Dibromofluoromethane  
 Concen: 56.659 ug/l  
 RT: 8.171 min Scan# 1057  
 Delta R.T. 0.006 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

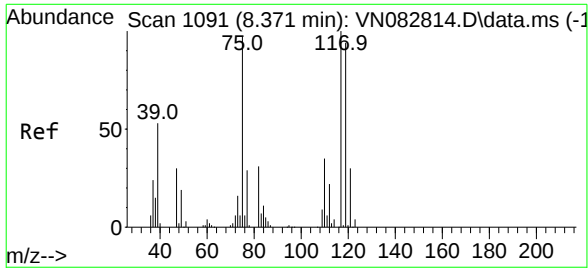
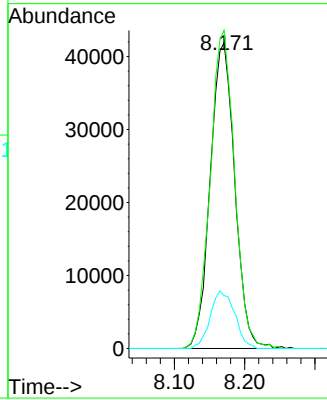
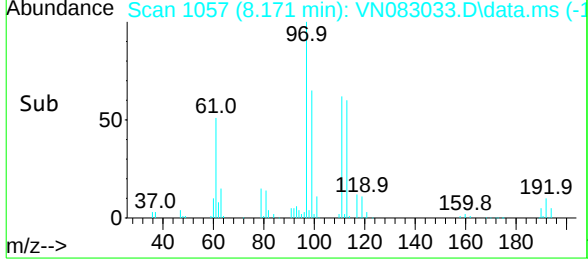
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 101596 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.5 | 82.4  | 123.6  |
| 192      | 18.9  | 14.9  | 22.3   |

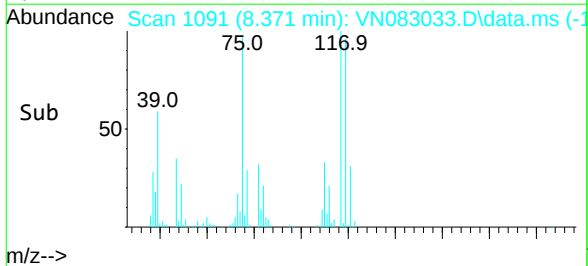
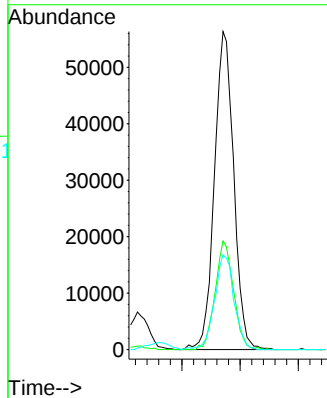
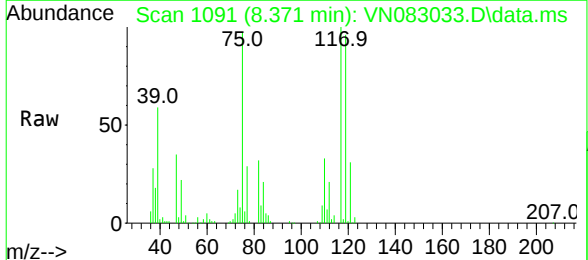
Manual Integrations  
 APPROVED

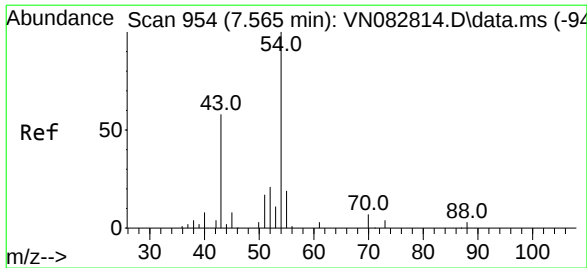
Reviewed By :John Carlone 07/25/2024  
 Supervised By :Mahesh Dadoda 07/25/2024



#36  
 1,1-Dichloropropene  
 Concen: 52.505 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. -0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 129805 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 32.6  | 16.3  | 48.9   |
| 77       | 30.1  | 24.6  | 37.0   |





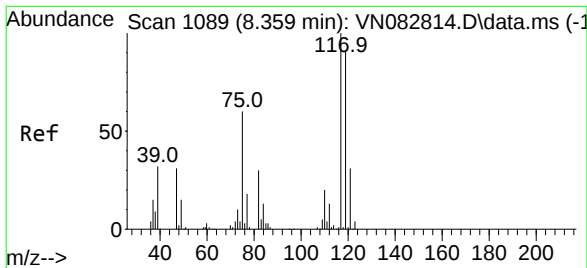
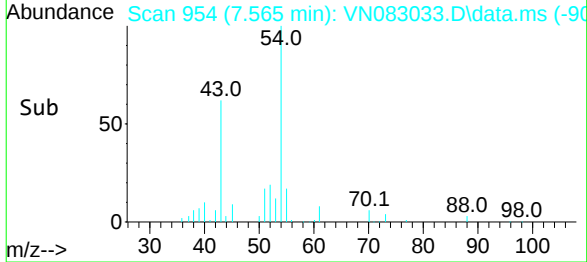
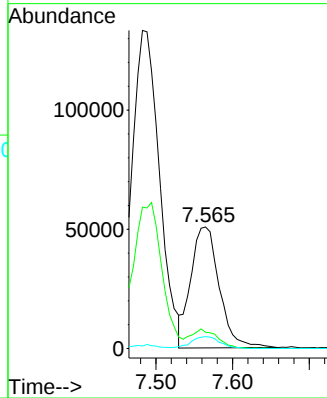
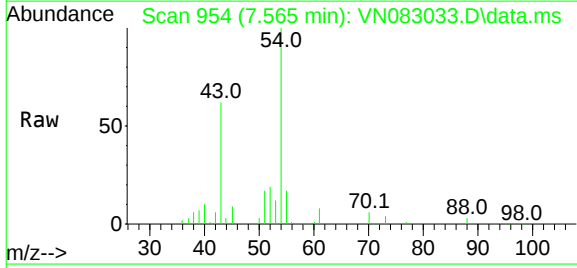
#37  
Ethyl Acetate  
Concen: 52.107 ug/l  
RT: 7.565 min Scan# 954  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 131152  
Ion Ratio Lower Upper  
43 100  
61 14.9 9.3 13.9#  
70 10.0 7.0 10.6

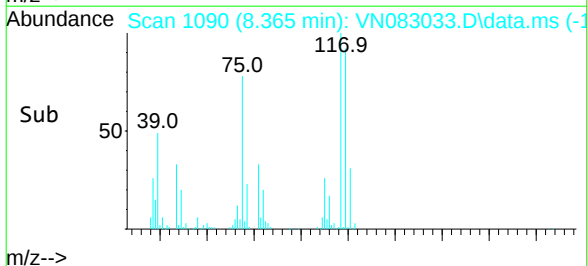
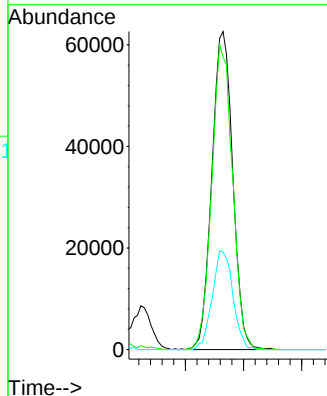
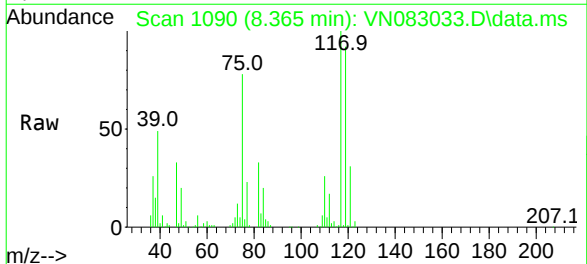
Manual Integrations  
APPROVED

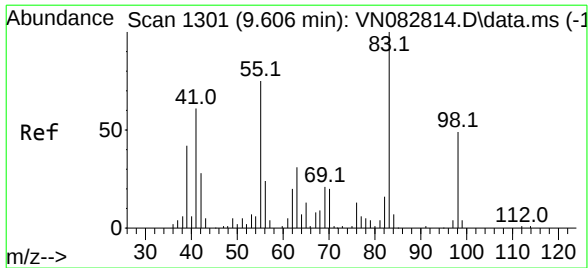
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#38  
Carbon Tetrachloride  
Concen: 52.407 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

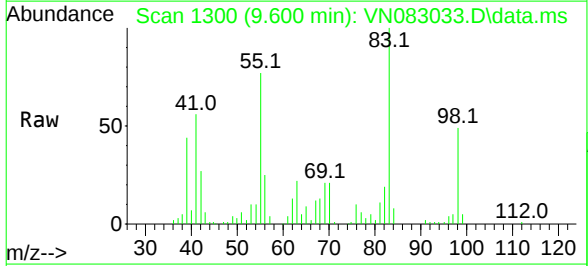
Tgt Ion:117 Resp: 155997  
Ion Ratio Lower Upper  
117 100  
119 92.0 74.9 112.3  
121 30.7 24.3 36.5





#39  
Methylcyclohexane  
Concen: 44.096 ug/l  
RT: 9.600 min Scan# 1301  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

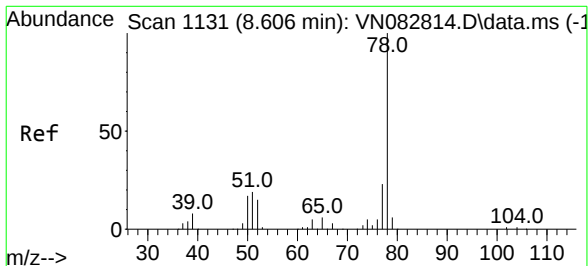
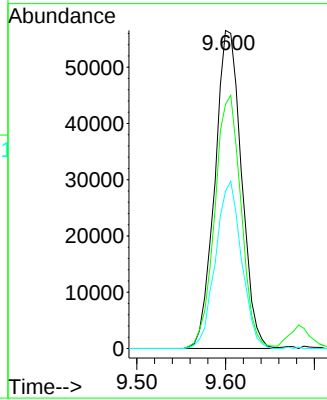
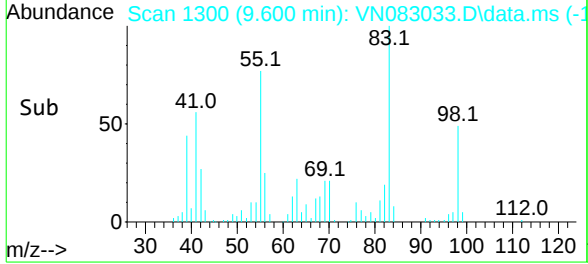
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 83 Resp: 117758  
Ion Ratio Lower Upper  
83 100  
55 76.8 66.4 99.6  
98 49.4 40.7 61.1

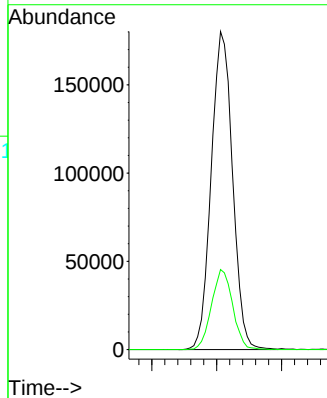
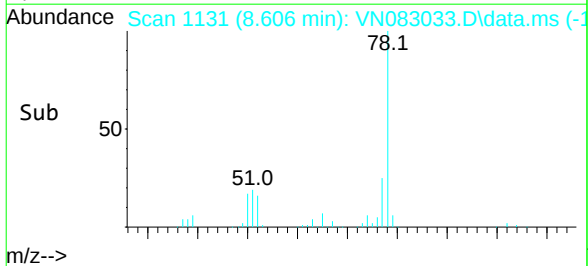
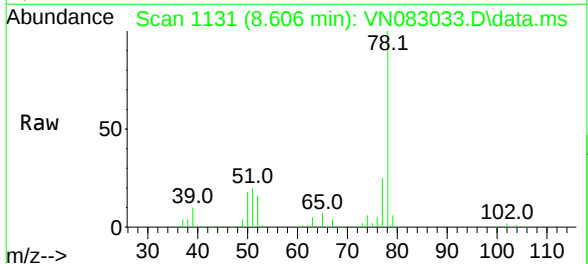
Manual Integrations  
APPROVED

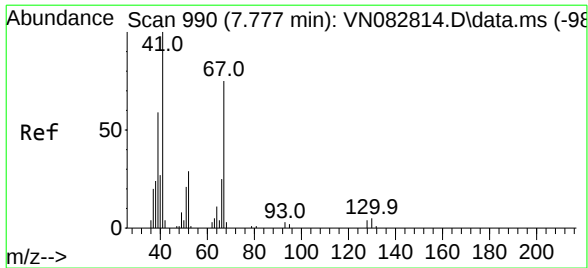
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#40  
Benzene  
Concen: 54.128 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 78 Resp: 411628  
Ion Ratio Lower Upper  
78 100  
77 25.2 19.0 28.4





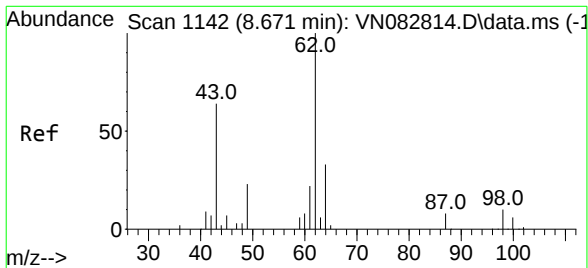
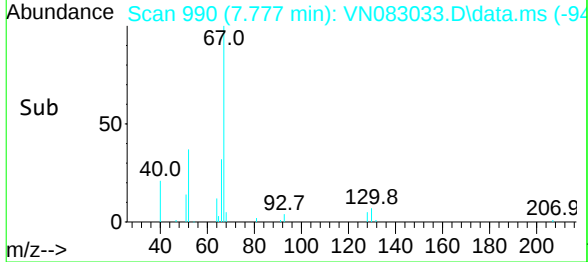
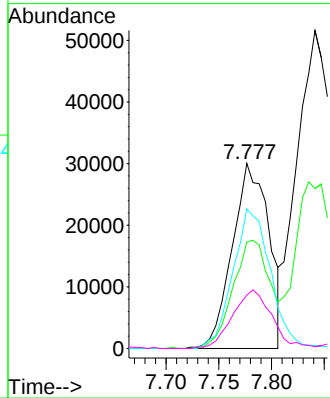
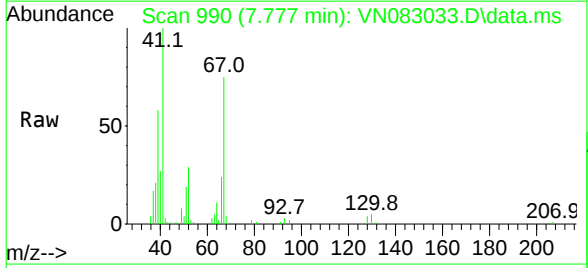
#41  
Methacrylonitrile  
Concen: 53.450 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 72478  
Ion Ratio Lower Upper  
41 100  
39 58.8 45.5 68.3  
67 77.8 50.5 75.7#  
52 33.9 24.0 36.0

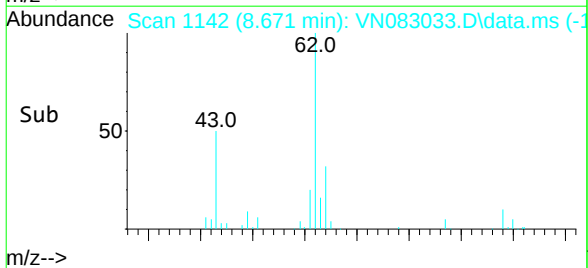
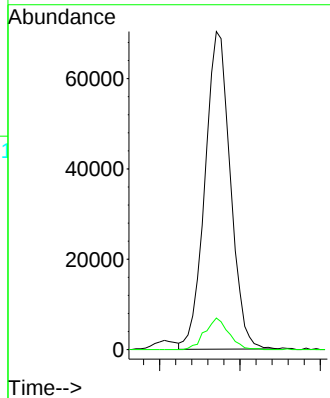
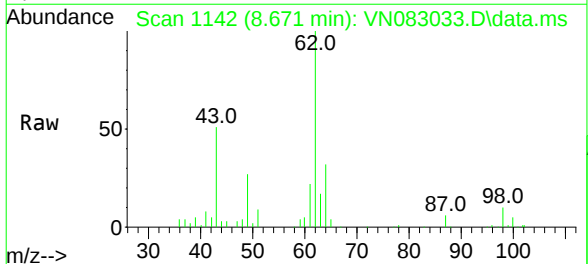
Manual Integrations  
APPROVED

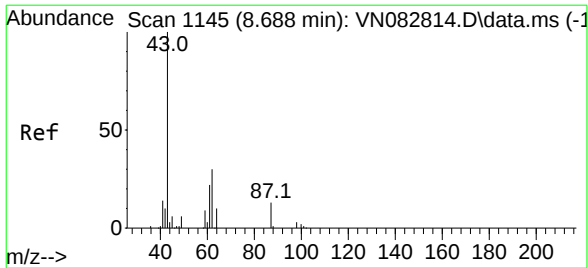
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#42  
1,2-Dichloroethane  
Concen: 56.326 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

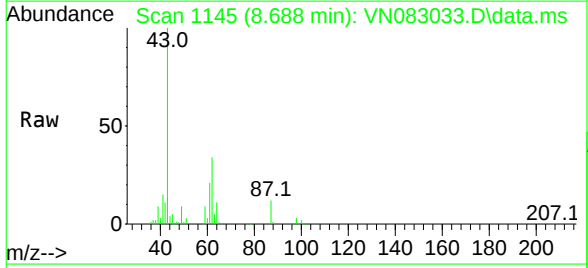
Tgt Ion: 62 Resp: 154203  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 15.8





#43  
Isopropyl Acetate  
Concen: 49.923 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

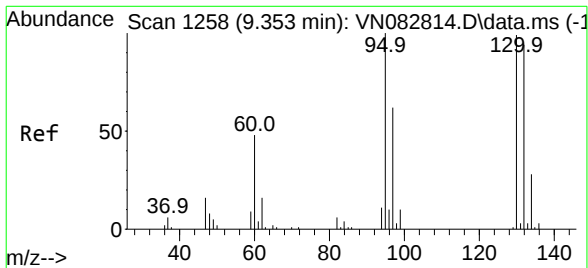
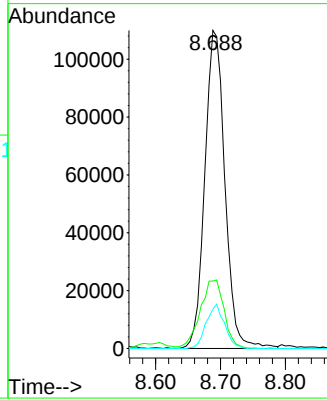
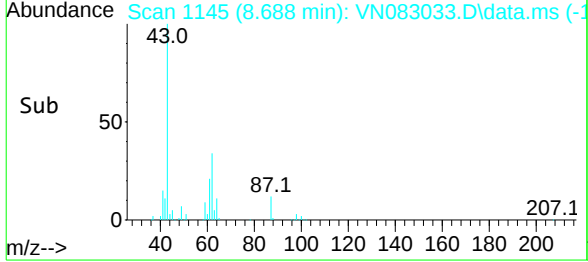
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 236952  
Ion Ratio Lower Upper  
43 100  
61 25.6 17.8 26.6  
87 12.7 8.2 12.2#

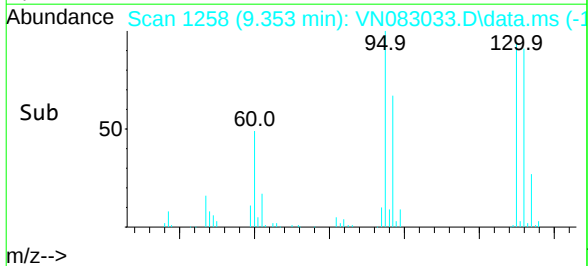
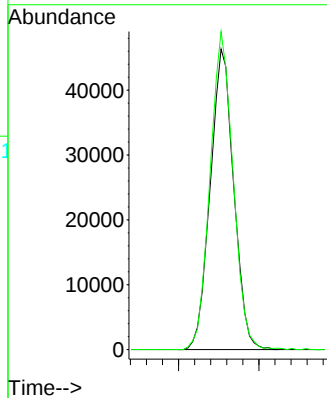
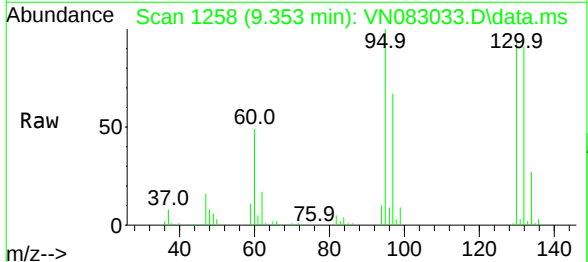
Manual Integrations  
APPROVED

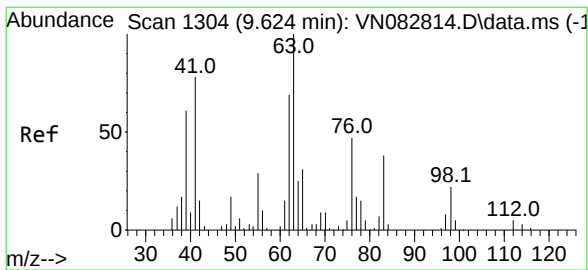
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#44  
Trichloroethene  
Concen: 48.165 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:130 Resp: 93840  
Ion Ratio Lower Upper  
130 100  
95 105.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 58.553 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 103956

Ion Ratio Lower Upper

63 100

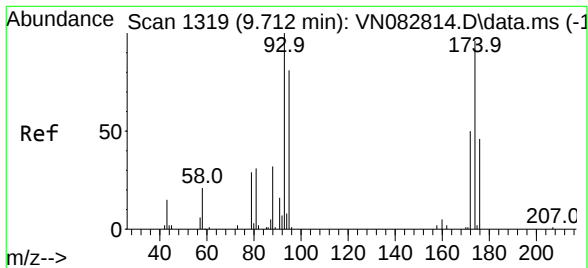
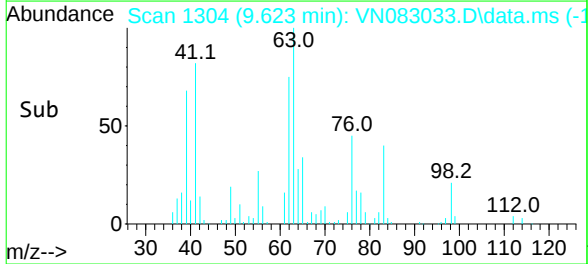
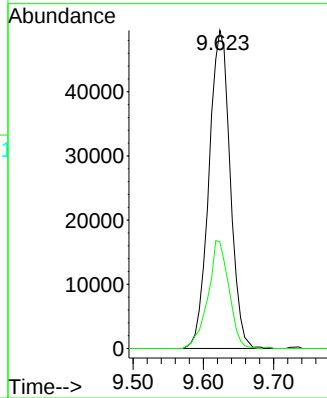
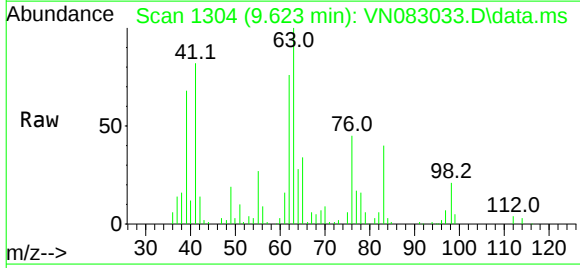
65 33.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#46

Dibromomethane

Concen: 57.674 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

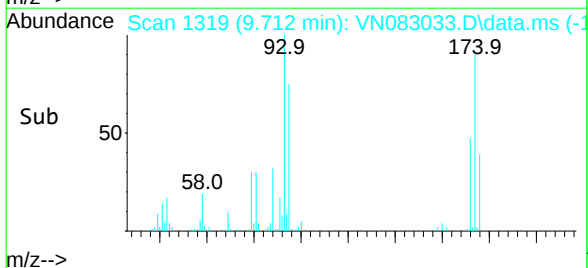
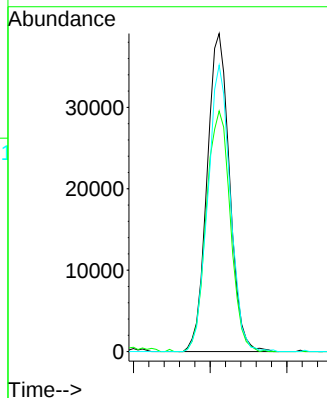
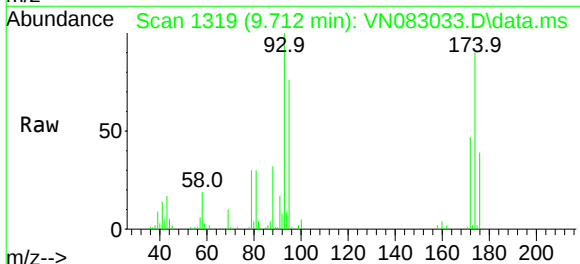
Tgt Ion: 93 Resp: 79771

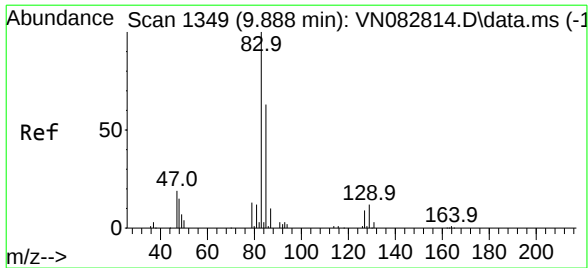
Ion Ratio Lower Upper

93 100

95 80.4 65.8 98.6

174 89.8 71.7 107.5





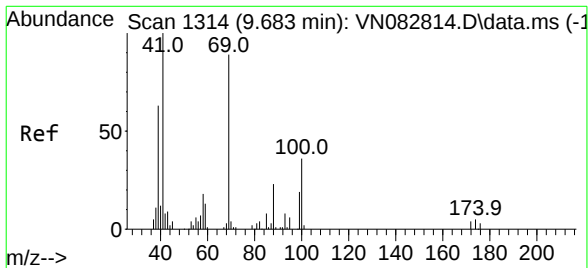
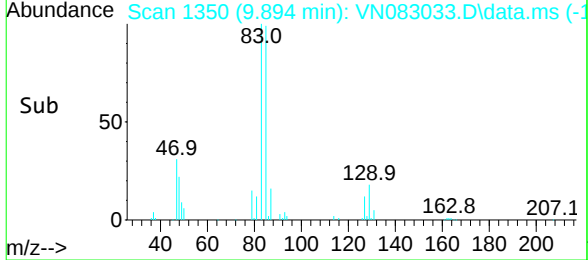
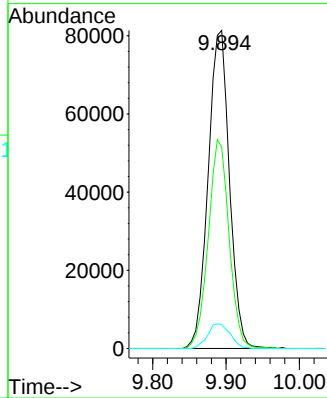
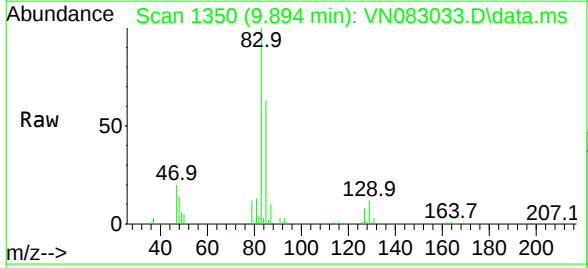
#47  
Bromodichloromethane  
Concen: 57.500 ug/l  
RT: 9.894 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 164328  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.1 76.7  
127 7.6 7.2 10.8

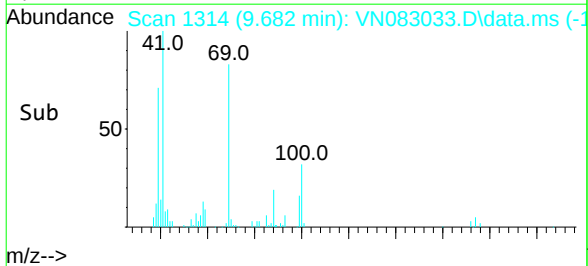
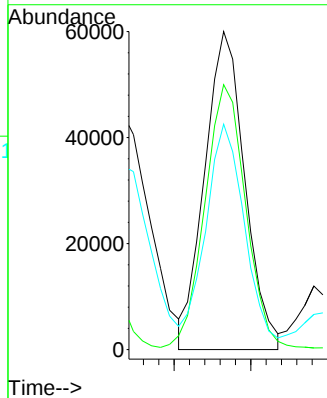
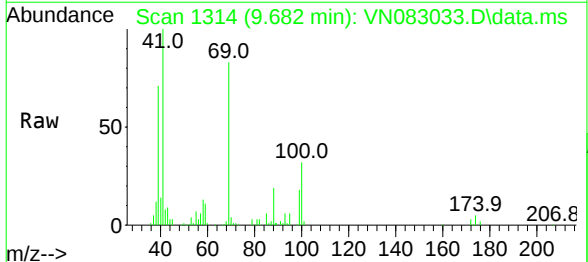
Manual Integrations  
APPROVED

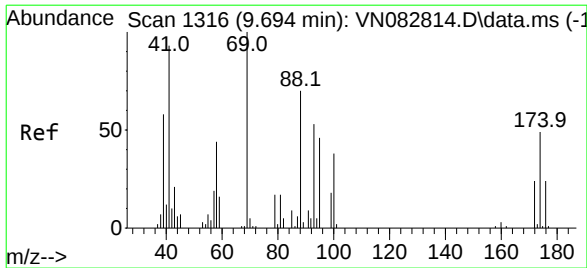
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#48  
Methyl methacrylate  
Concen: 55.322 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

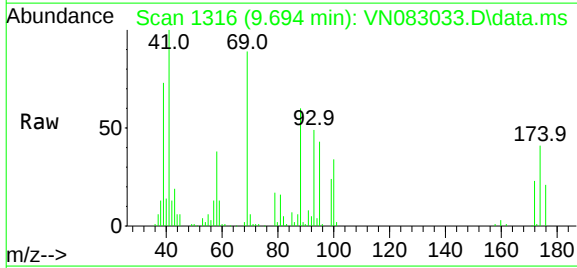
Tgt Ion: 41 Resp: 109183  
Ion Ratio Lower Upper  
41 100  
69 85.6 56.3 84.5#  
39 69.2 50.3 75.5





#49  
1,4-Dioxane  
Concen: 1094.688 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

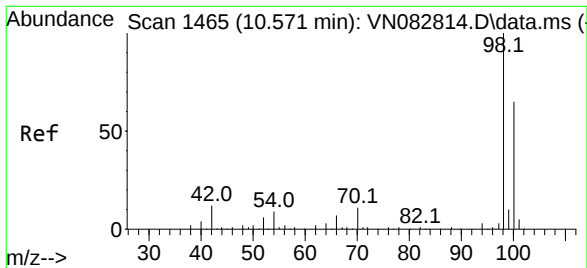
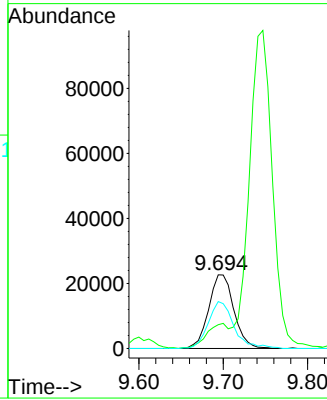
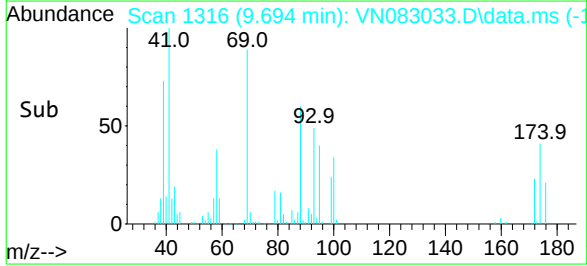
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 88 Resp: 46890  
Ion Ratio Lower Upper  
88 100  
43 29.4 27.8 41.8  
58 65.1 59.4 89.0

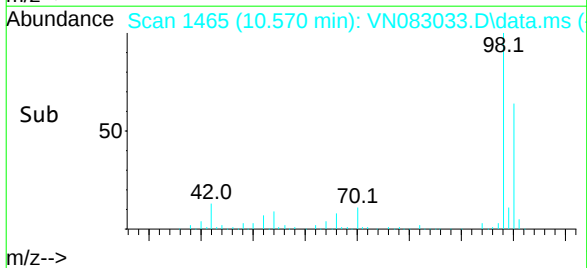
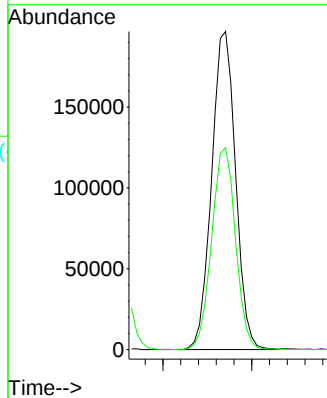
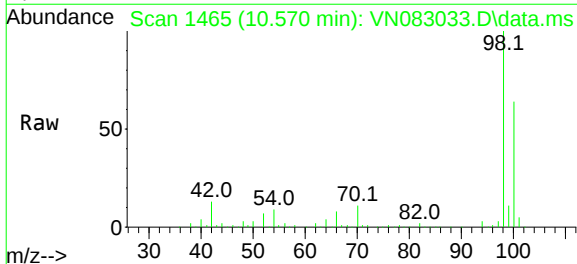
Manual Integrations  
APPROVED

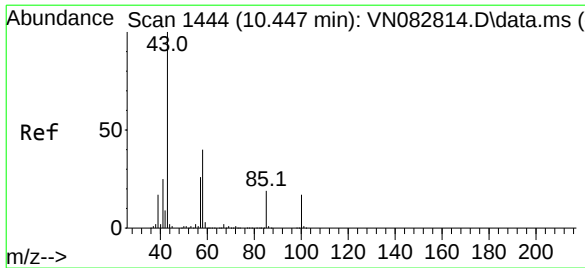
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#50  
Toluene-d8  
Concen: 55.613 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

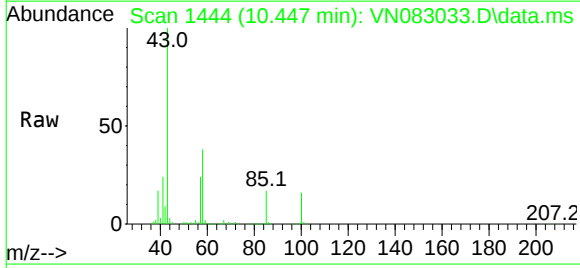
Tgt Ion: 98 Resp: 368319  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.5 77.3





#51  
4-Methyl-2-Pentanone  
Concen: 301.066 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

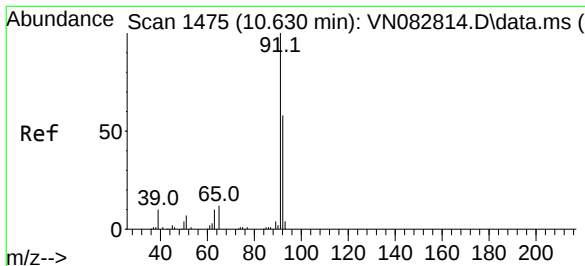
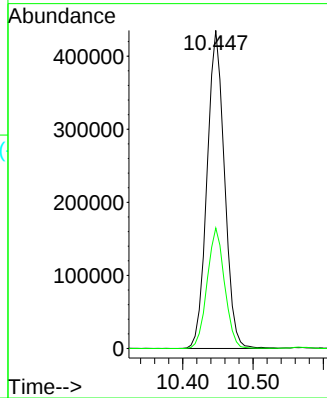
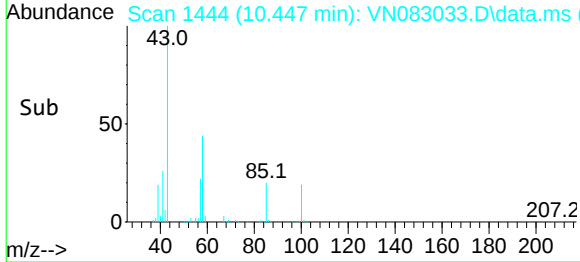
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 751243  
Ion Ratio Lower Upper  
43 100  
58 37.9 28.2 42.4

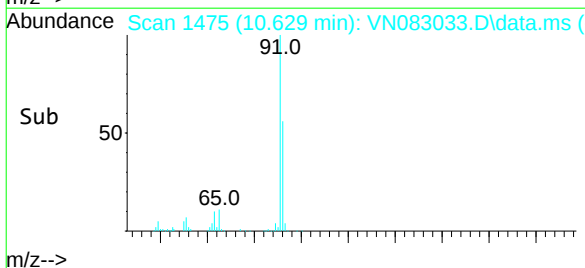
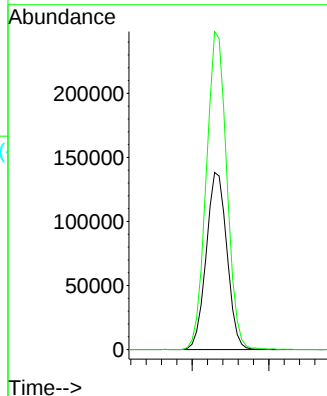
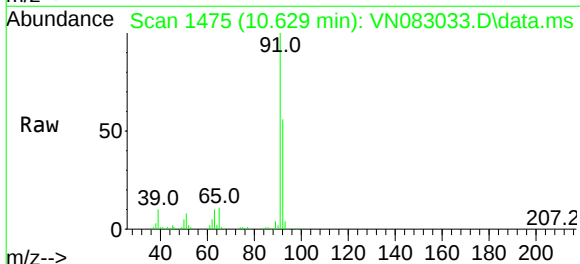
Manual Integrations  
APPROVED

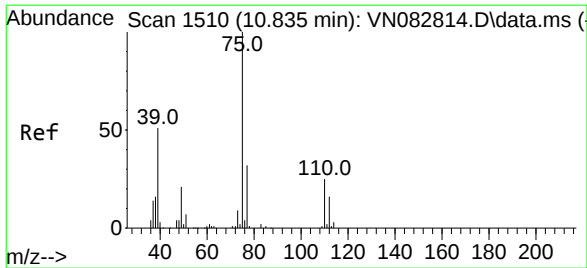
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#52  
Toluene  
Concen: 54.562 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

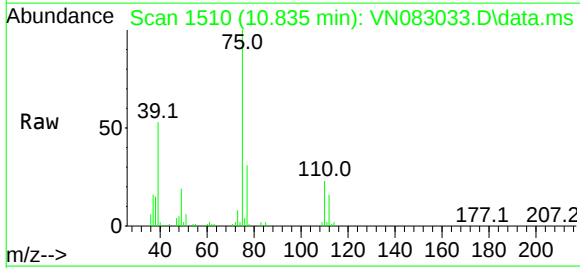
Tgt Ion: 92 Resp: 259192  
Ion Ratio Lower Upper  
92 100  
91 178.1 139.4 209.0





#53  
t-1,3-Dichloropropene  
Concen: 54.984 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

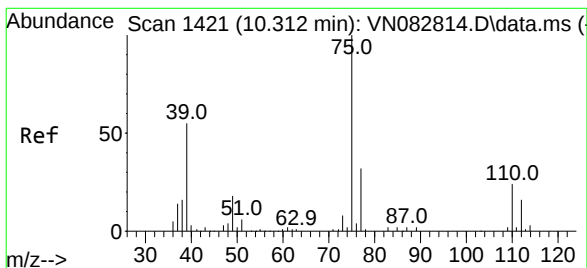
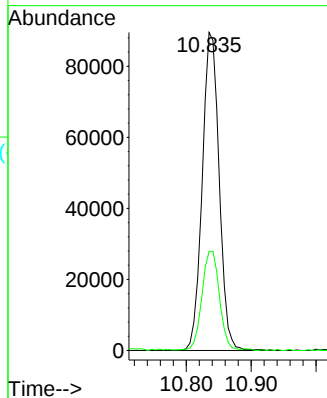
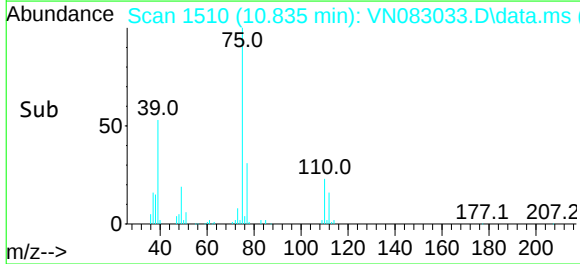
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 161879  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.7 38.5

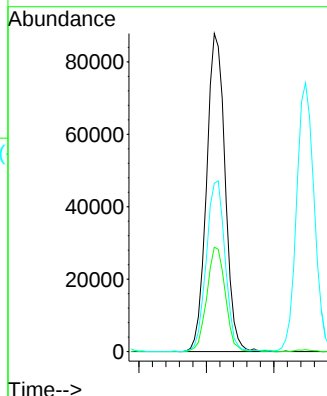
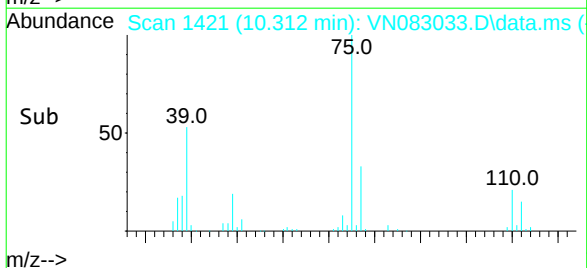
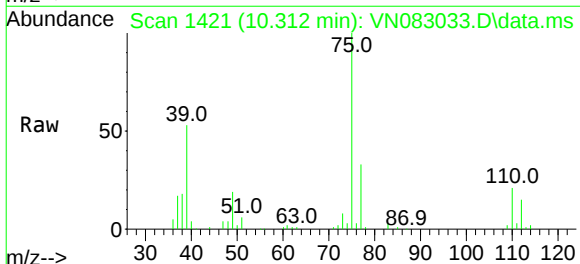
Manual Integrations  
APPROVED

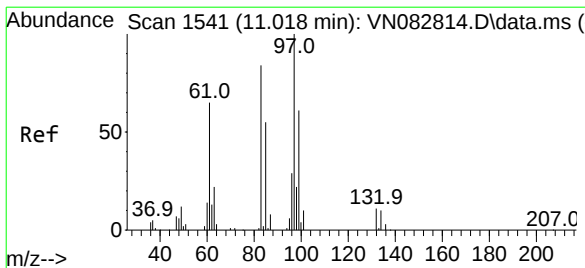
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#54  
cis-1,3-Dichloropropene  
Concen: 53.909 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

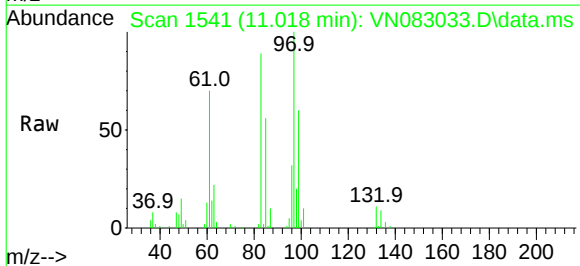
Tgt Ion: 75 Resp: 167998  
Ion Ratio Lower Upper  
75 100  
77 32.8 24.3 36.5  
39 52.9 50.5 75.7





#55  
1,1,2-Trichloroethane  
Concen: 60.627 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.001 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

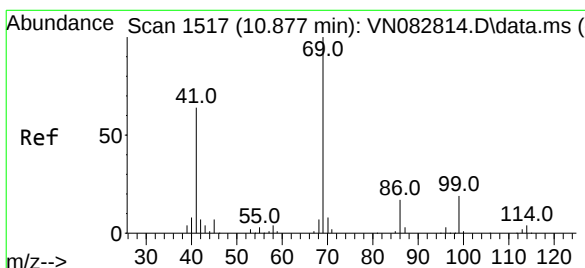
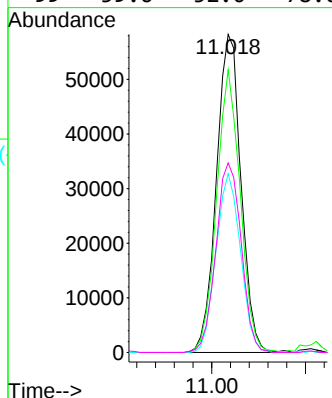
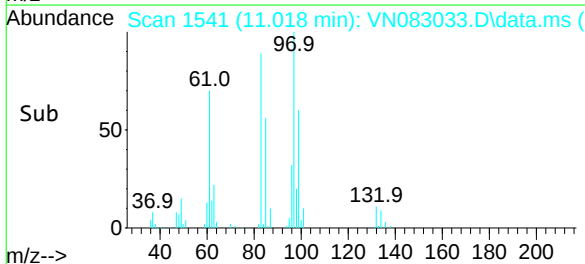
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



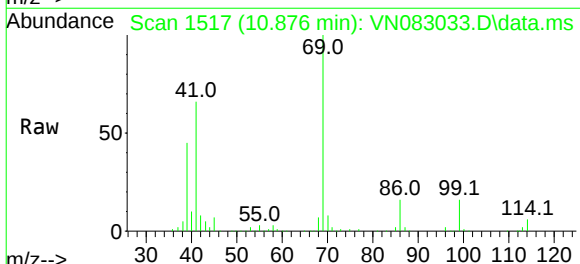
| Tgt Ion: | 97    | Resp: | 105905 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.9  | 71.4  | 107.0  |
| 85       | 56.2  | 45.8  | 68.6   |
| 99       | 59.6  | 52.0  | 78.0   |

Manual Integrations  
APPROVED

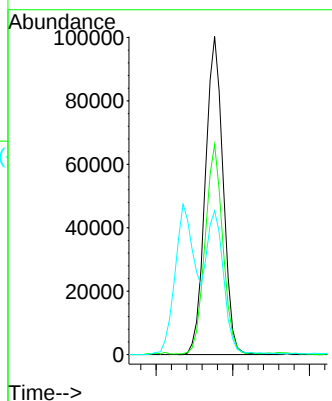
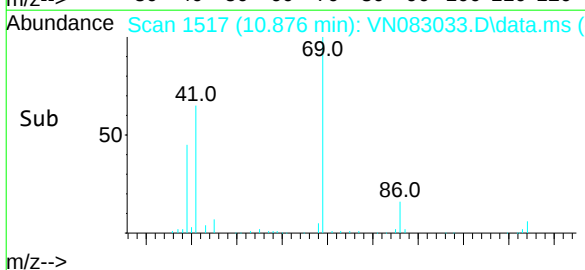
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024

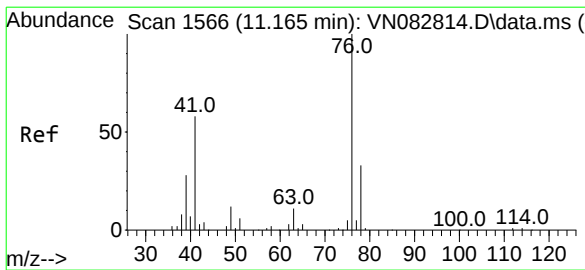


#56  
Ethyl methacrylate  
Concen: 59.573 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55



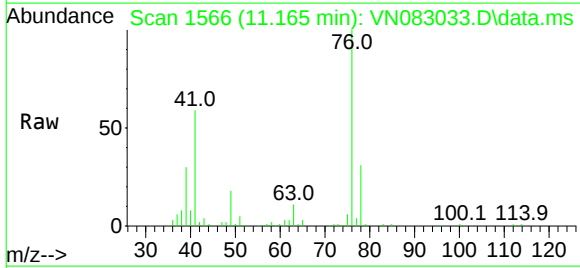
| Tgt Ion: | 69    | Resp: | 161903 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.2  | 63.4  | 95.2   |
| 39       | 43.4  | 37.4  | 56.0   |





#57  
1,3-Dichloropropane  
Concen: 57.478 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

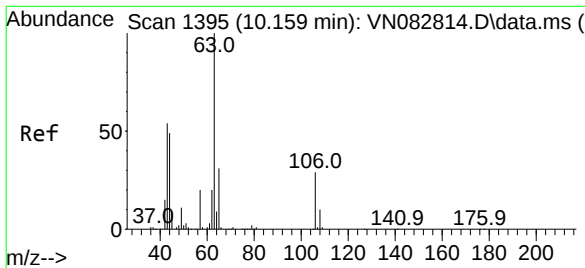
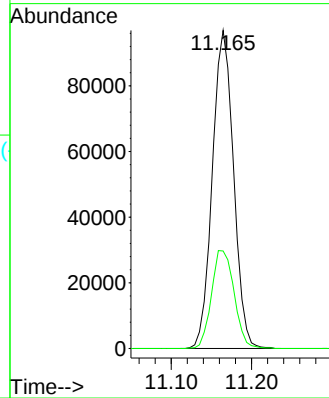
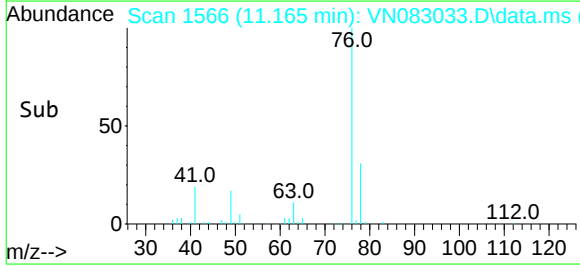
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 177728  
Ion Ratio Lower Upper  
76 100  
78 32.9 25.6 38.4

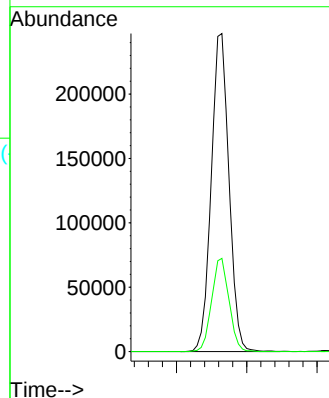
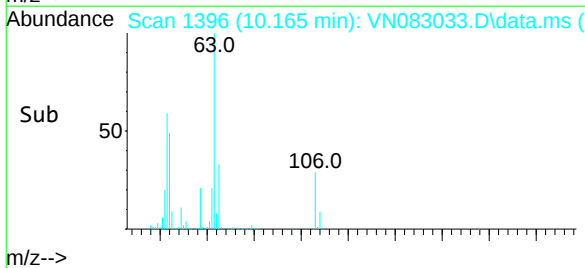
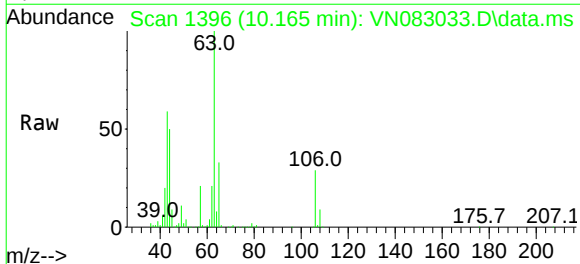
Manual Integrations  
APPROVED

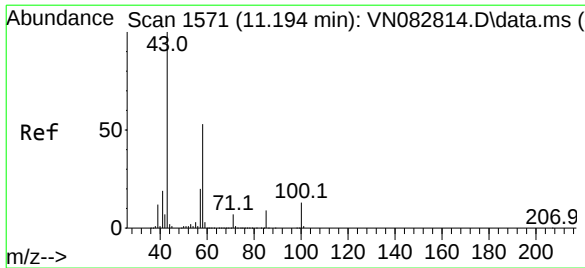
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#58  
2-Chloroethyl Vinyl ether  
Concen: 310.806 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 63 Resp: 433429  
Ion Ratio Lower Upper  
63 100  
106 28.6 21.4 32.0





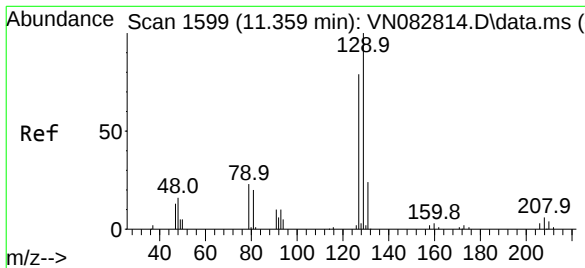
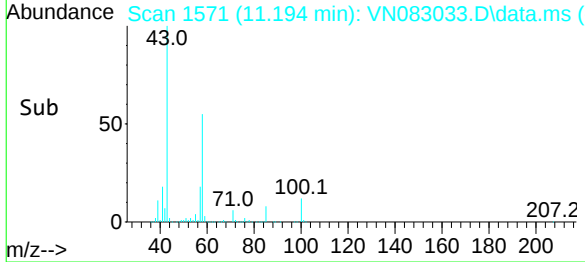
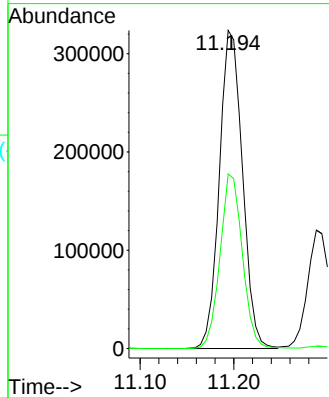
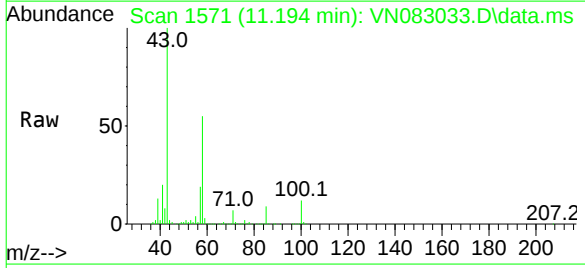
#59  
2-Hexanone  
Concen: 298.833 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 554393  
Ion Ratio Lower Upper  
43 100  
58 53.1 24.6 73.8

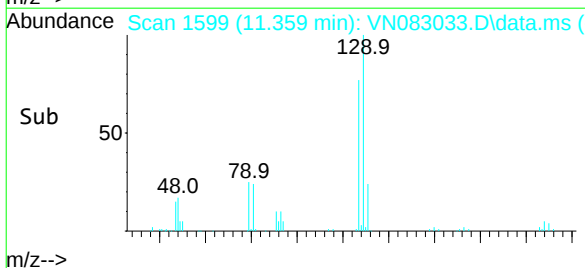
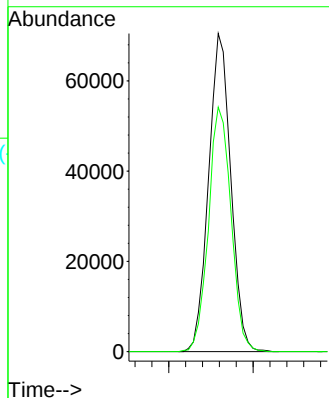
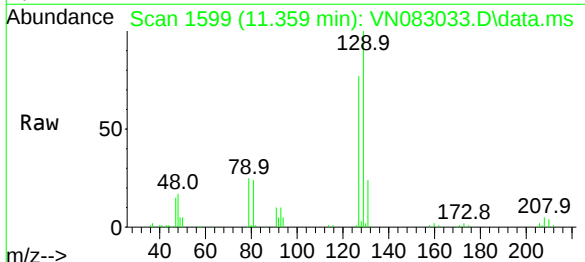
Manual Integrations  
APPROVED

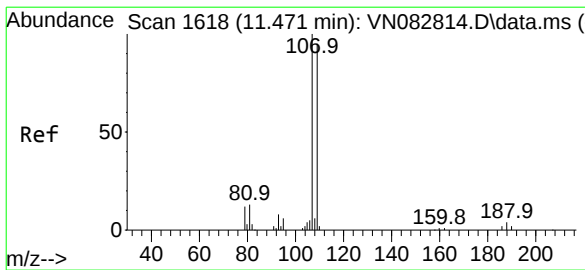
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#60  
Dibromochloromethane  
Concen: 57.969 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:129 Resp: 128975  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.2 117.6





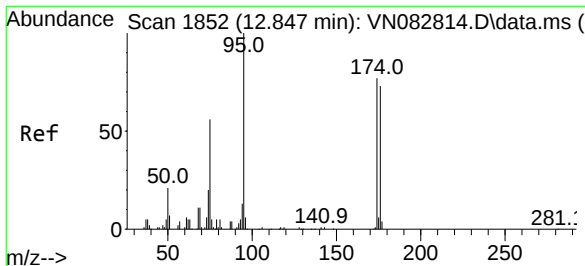
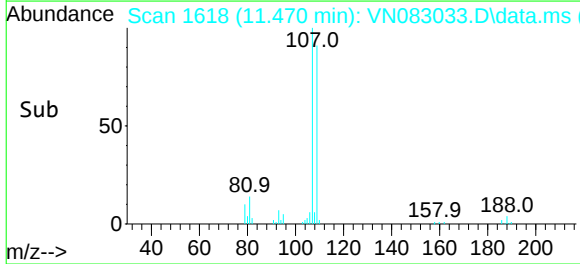
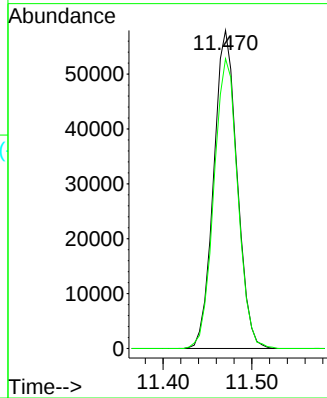
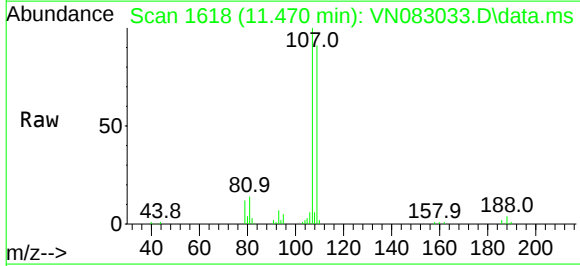
#61  
1,2-Dibromoethane  
Concen: 57.203 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 107 Resp: 106115  
Ion Ratio Lower Upper  
107 100  
109 93.0 73.7 110.5

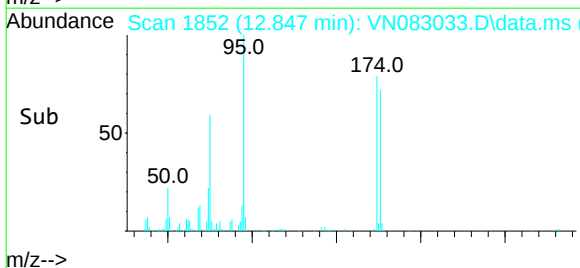
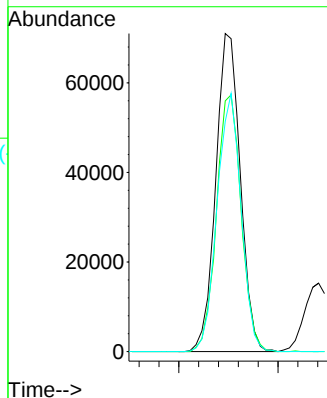
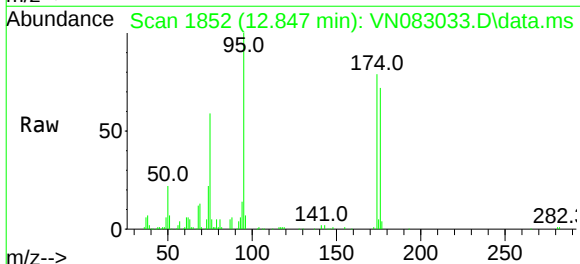
Manual Integrations  
APPROVED

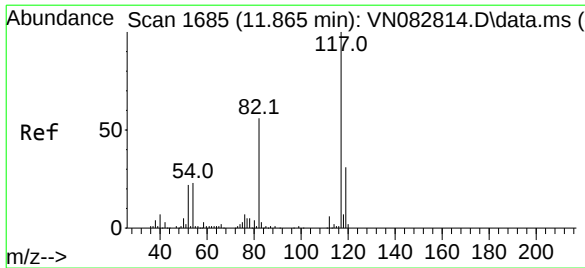
Reviewed By : John Carlone 07/25/2024  
Supervised By : Mahesh Dadoda 07/25/2024



#62  
4-Bromofluorobenzene  
Concen: 51.198 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

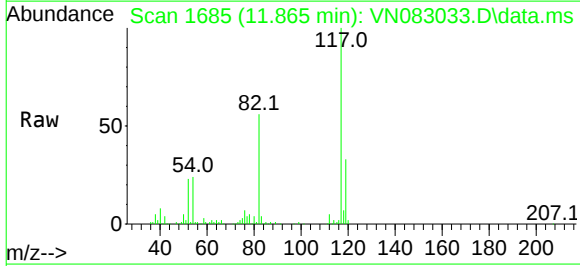
Tgt Ion: 95 Resp: 121800  
Ion Ratio Lower Upper  
95 100  
174 81.3 0.0 159.2  
176 79.5 0.0 147.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

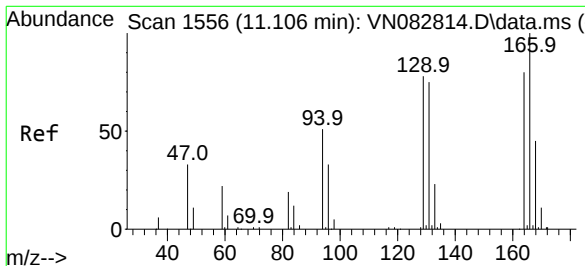
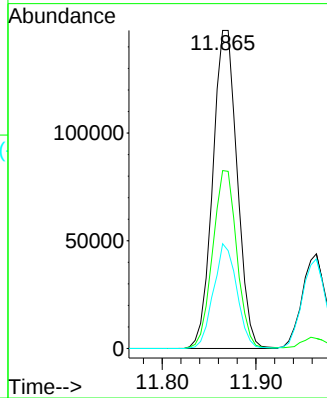
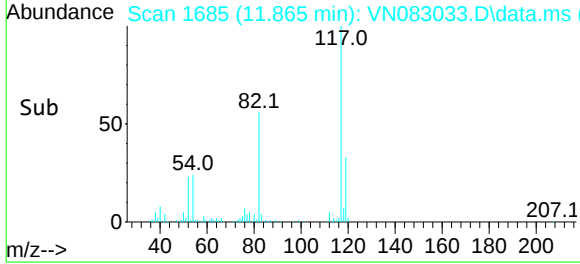
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 267521 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 55.9  | 47.5  | 71.3   |
| 119      | 32.9  | 25.6  | 38.4   |

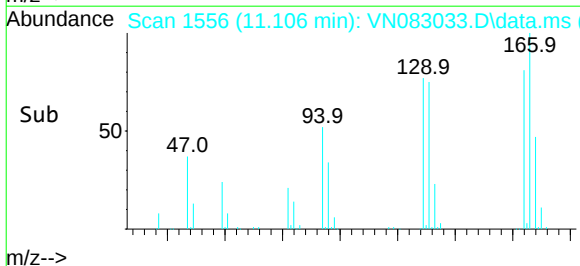
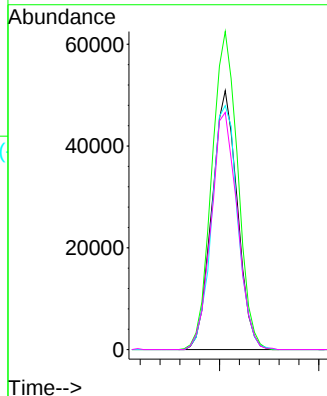
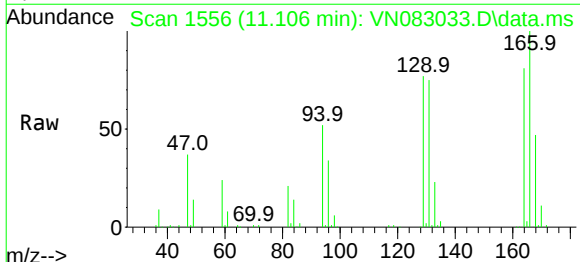
Manual Integrations  
APPROVED

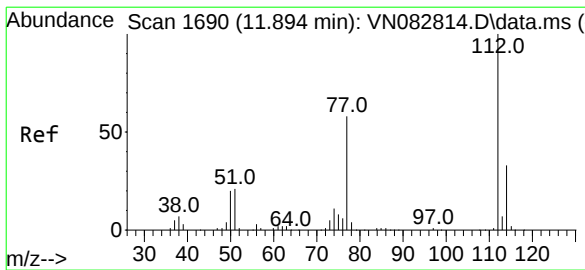
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#64  
Tetrachloroethene  
Concen: 45.445 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 90703 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 122.8 | 101.4 | 152.0 |
| 129      | 94.2  | 75.7  | 113.5 |
| 131      | 91.6  | 73.8  | 110.6 |





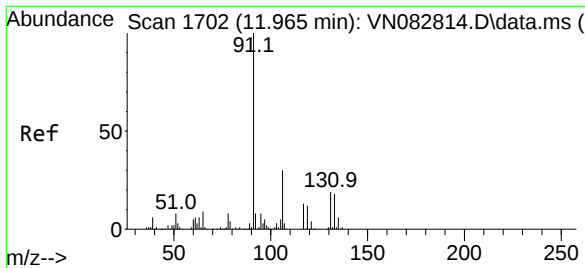
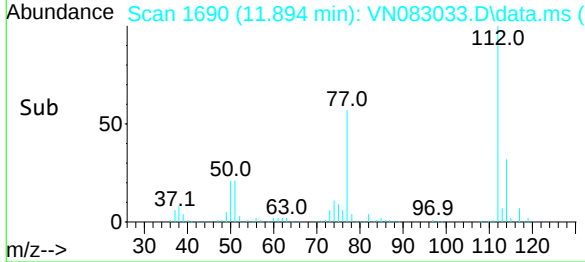
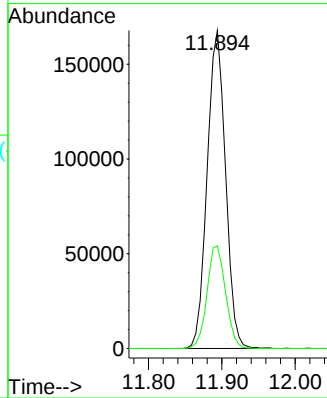
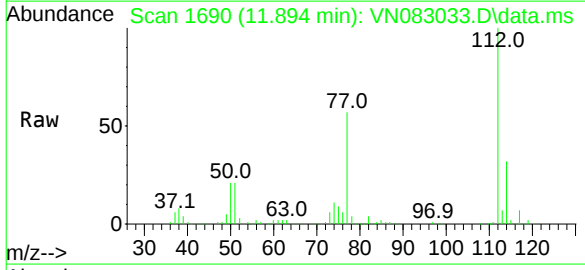
#65  
Chlorobenzene  
Concen: 50.955 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 292103  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.2 39.2

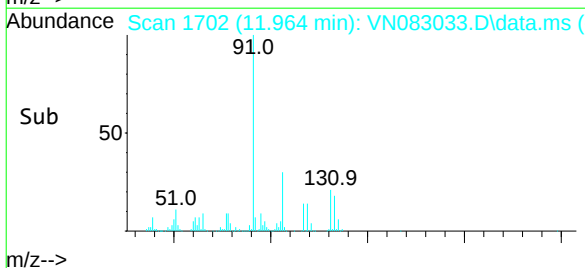
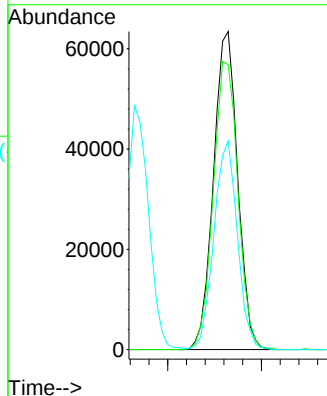
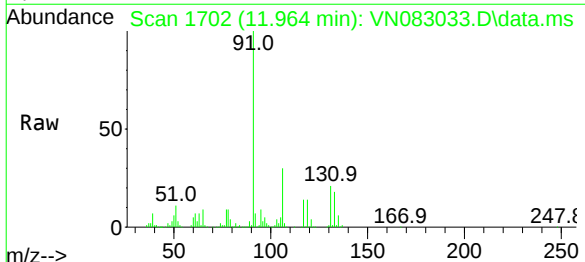
Manual Integrations  
APPROVED

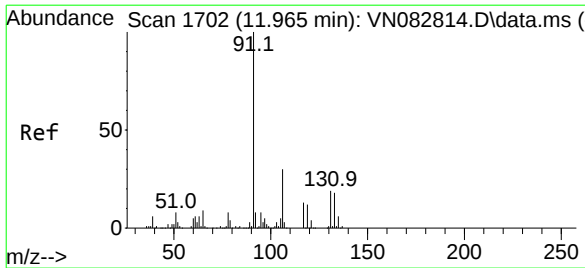
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.759 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

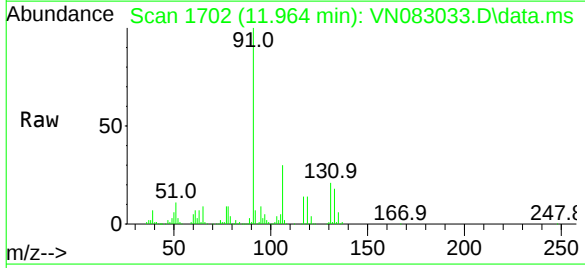
Tgt Ion:131 Resp: 113696  
Ion Ratio Lower Upper  
131 100  
133 92.6 47.3 142.0  
119 63.7 32.5 97.4





#67  
Ethyl Benzene  
Concen: 51.372 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

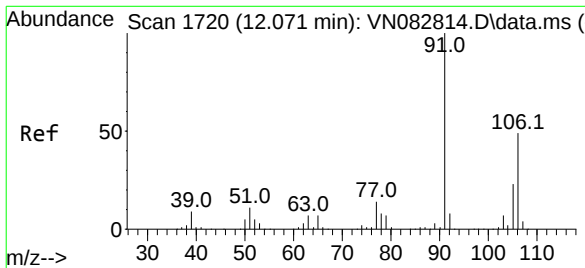
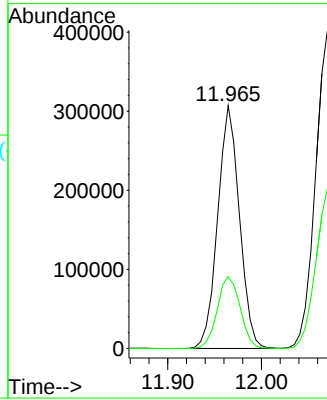
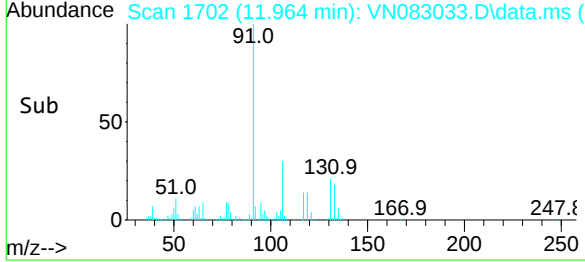
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



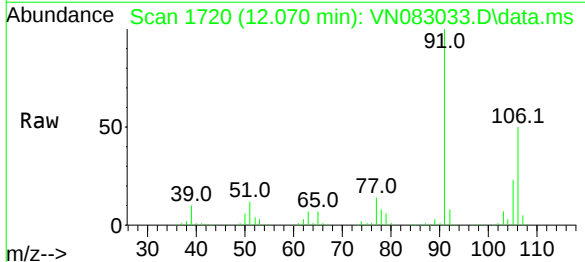
Tgt Ion: 91 Resp: 494952  
Ion Ratio Lower Upper  
91 100  
106 29.5 24.0 36.0

Manual Integrations  
APPROVED

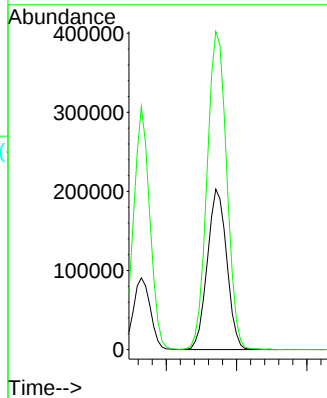
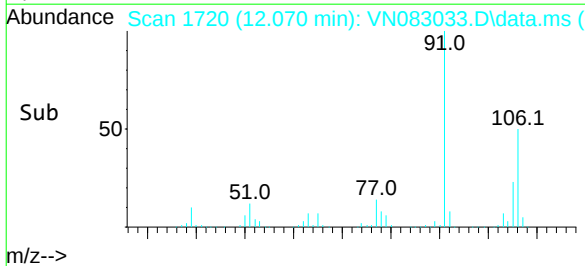
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024

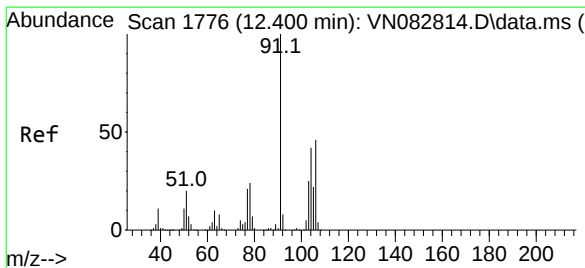


#68  
m/p-Xylenes  
Concen: 106.855 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55



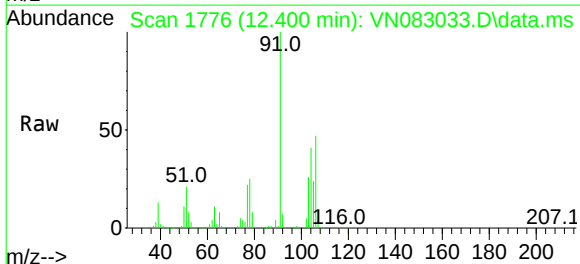
Tgt Ion:106 Resp: 388681  
Ion Ratio Lower Upper  
106 100  
91 200.7 166.1 249.1





#69  
o-Xylene  
Concen: 52.099 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

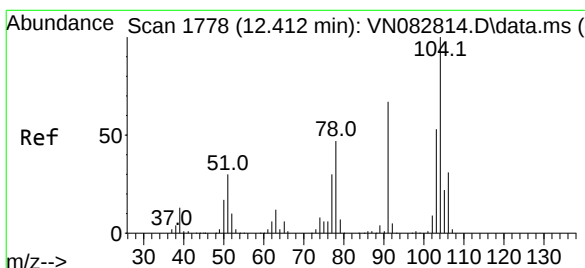
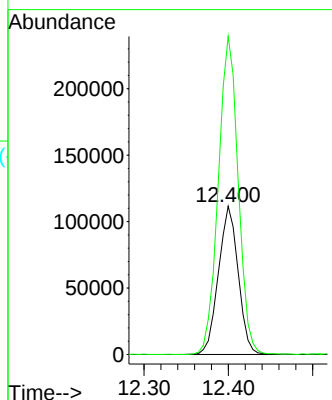
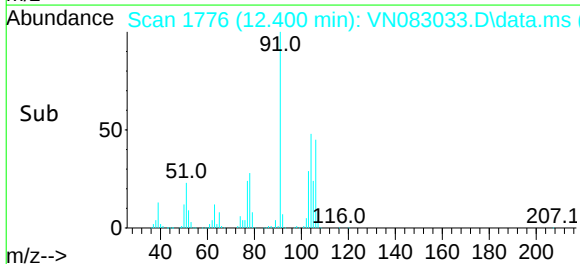
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:106 Resp: 181584  
Ion Ratio Lower Upper  
106 100  
91 216.6 111.3 333.9

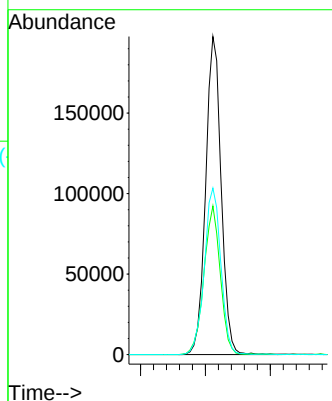
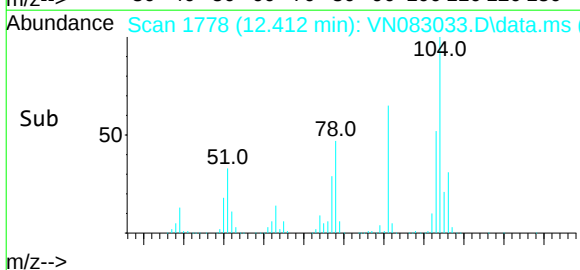
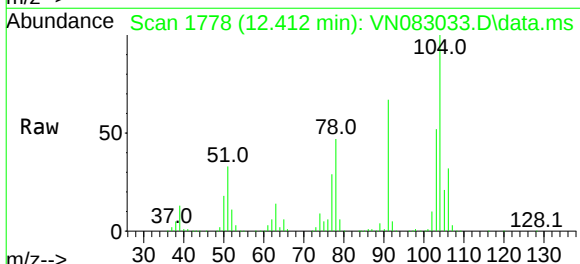
Manual Integrations  
APPROVED

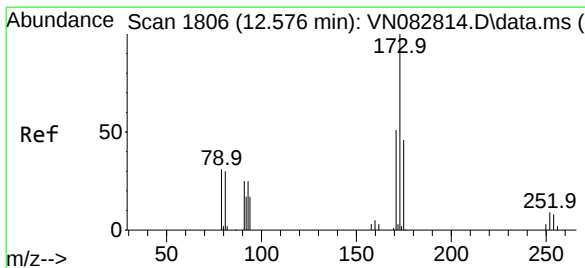
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#70  
Styrene  
Concen: 56.844 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:104 Resp: 327353  
Ion Ratio Lower Upper  
104 100  
78 49.2 41.6 62.4  
103 55.9 44.0 66.0





#71

Bromoform

Concen: 56.294 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

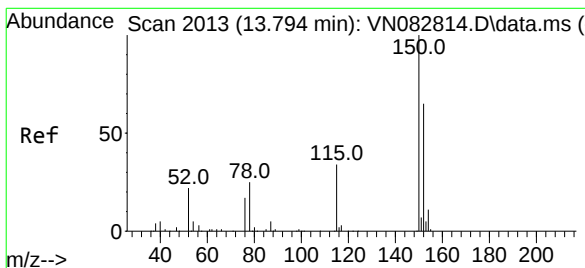
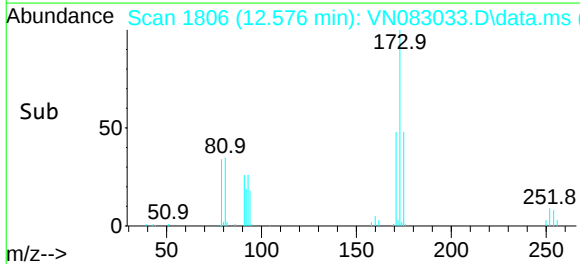
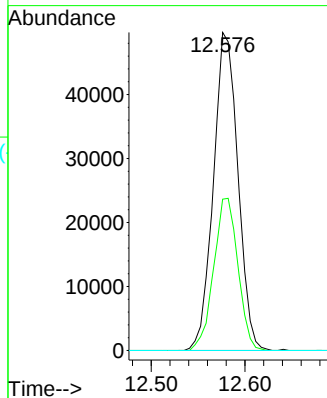
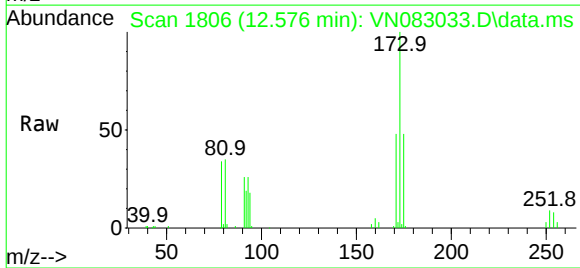
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 90273 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.3  | 24.0  | 72.0  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

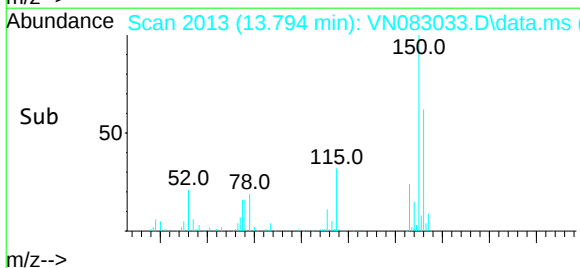
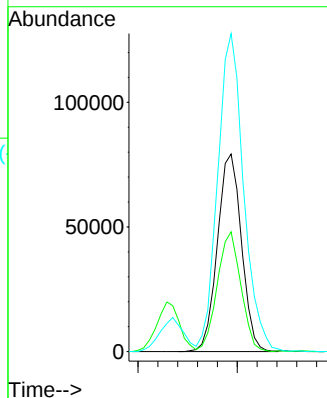
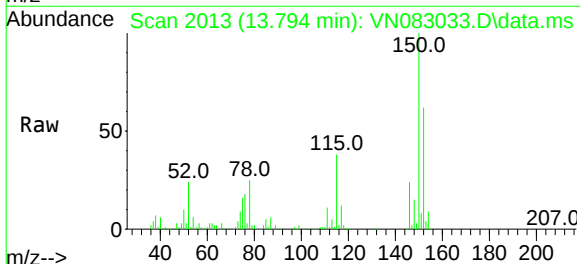
RT: 13.794 min Scan# 2013

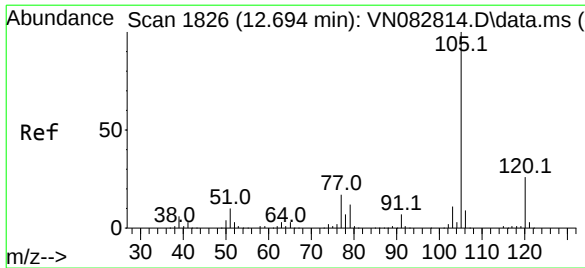
Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

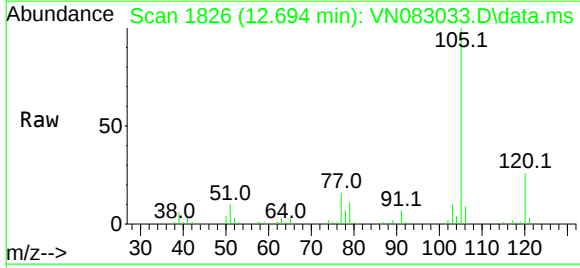
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 133662 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 59.5  | 30.6  | 91.6   |
| 150       | 173.8 | 0.0   | 348.6  |





#73  
Isopropylbenzene  
Concen: 47.815 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

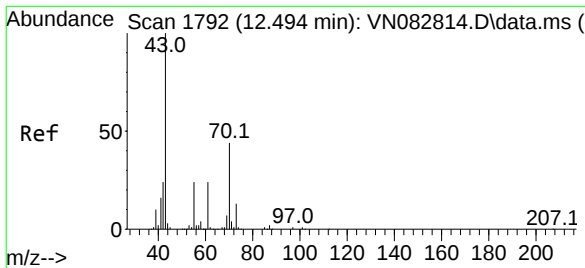
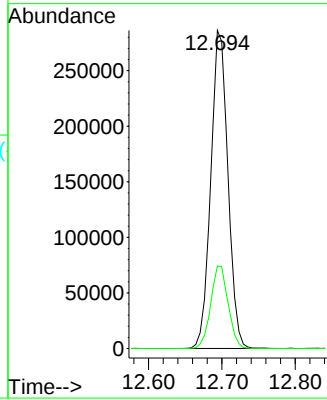
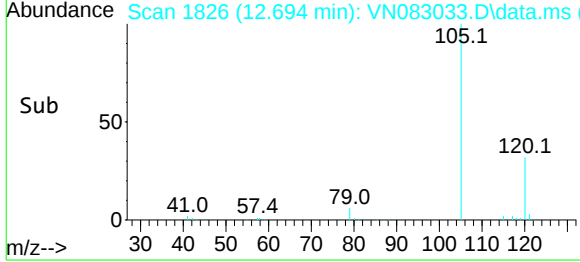
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 105 Resp: 464402  
Ion Ratio Lower Upper  
105 100  
120 26.4 12.9 38.6

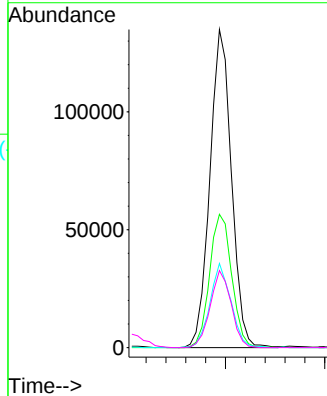
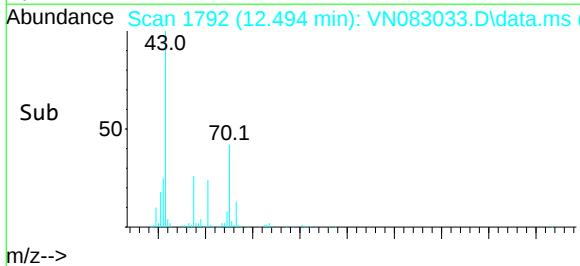
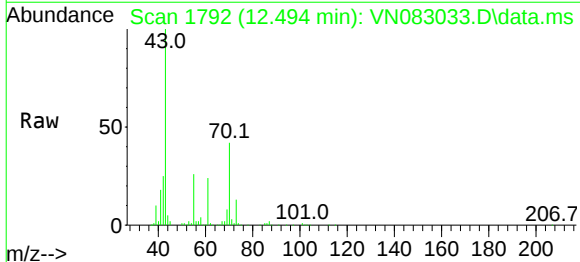
Manual Integrations  
APPROVED

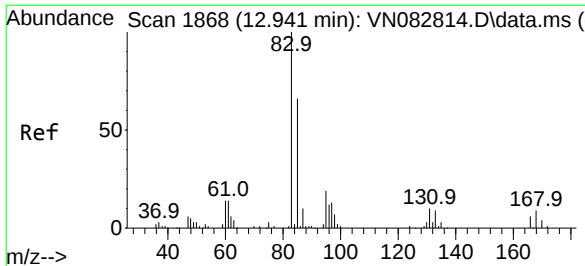
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#74  
N-ethyl acetate  
Concen: 50.734 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 43 Resp: 203822  
Ion Ratio Lower Upper  
43 100  
70 42.9 29.8 44.6  
55 25.7 18.7 28.1  
61 23.5 17.4 26.0





#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.412 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

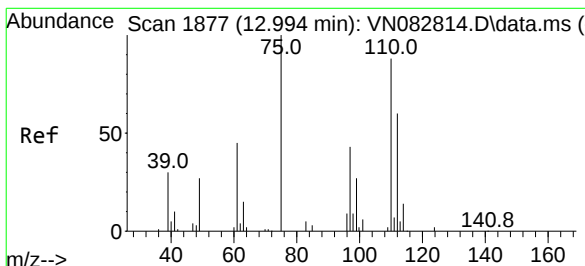
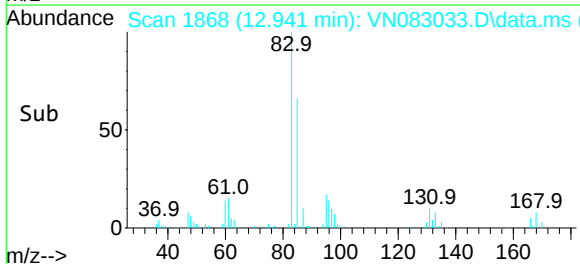
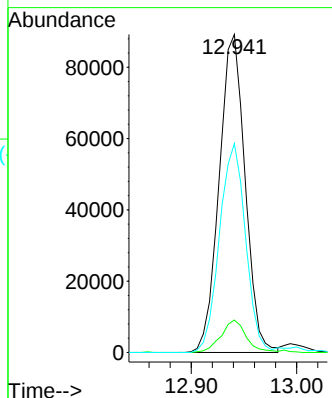
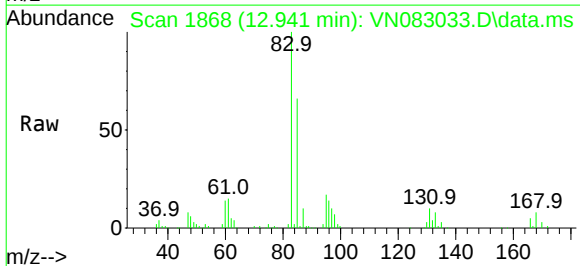
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 152457  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.0 14.9  
85 65.9 31.9 95.7

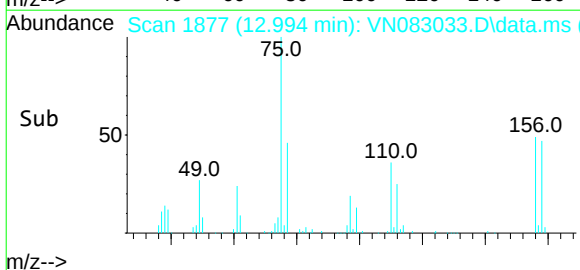
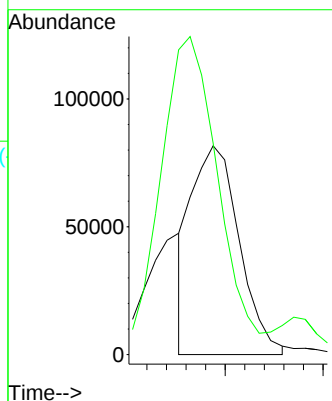
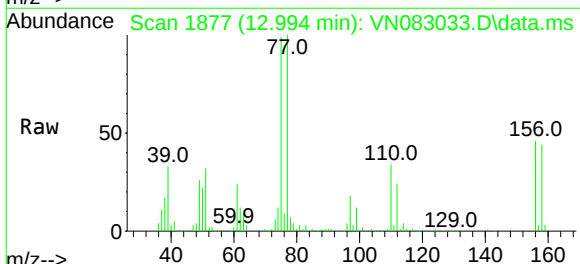
Manual Integrations  
APPROVED

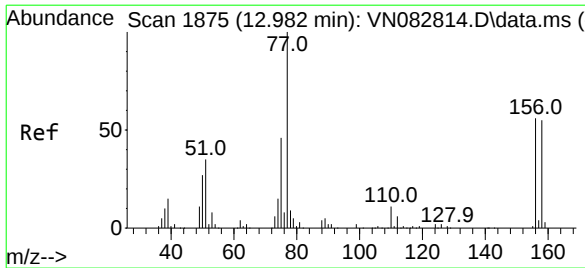
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#76  
1,2,3-Trichloropropane  
Concen: 60.296 ug/l m  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

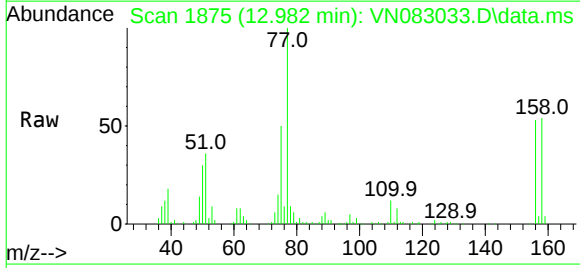
Tgt Ion: 75 Resp: 138946  
Ion Ratio Lower Upper  
75 100  
77 185.6 110.9 332.6





#77  
Bromobenzene  
Concen: 47.617 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

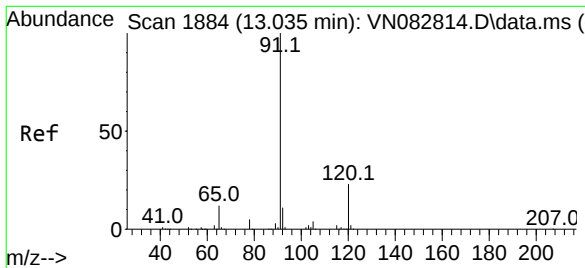
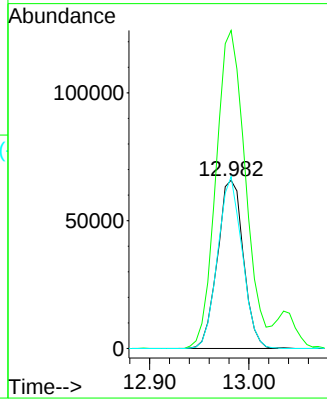
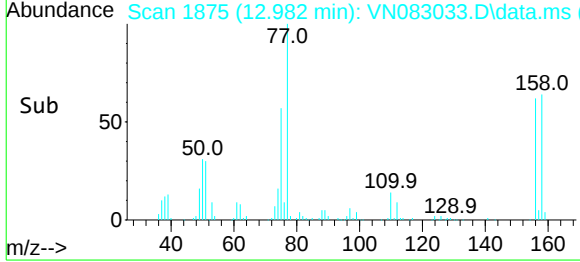
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 156 Resp: 119311  
Ion Ratio Lower Upper  
156 100  
77 216.1 111.3 333.8  
158 97.0 48.3 144.9

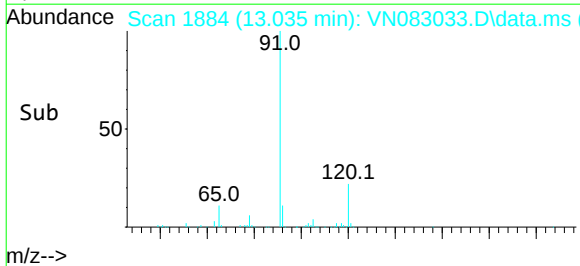
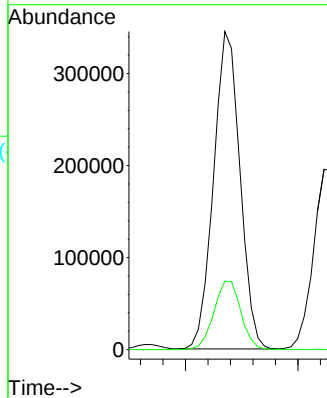
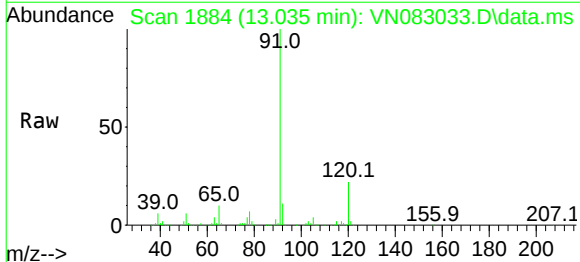
Manual Integrations  
APPROVED

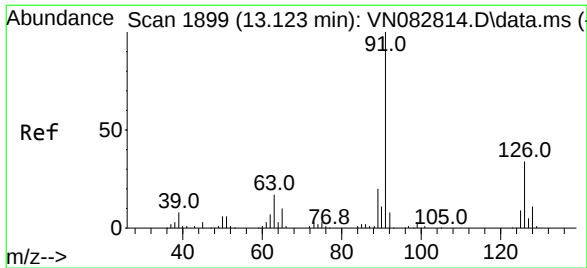
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#78  
n-propylbenzene  
Concen: 50.370 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 91 Resp: 562488  
Ion Ratio Lower Upper  
91 100  
120 22.0 10.9 32.9





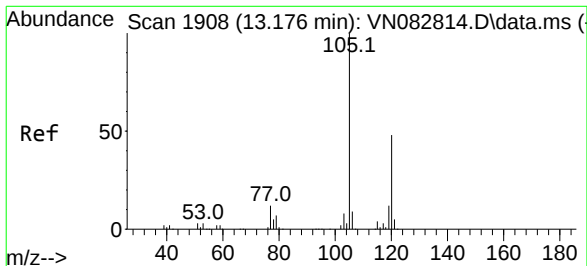
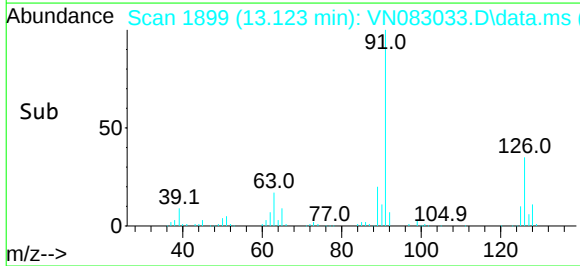
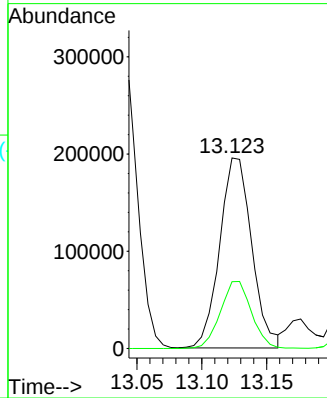
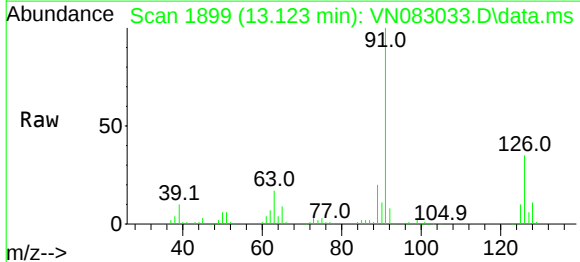
#79  
2-Chlorotoluene  
Concen: 47.397 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 337243  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.2 48.6

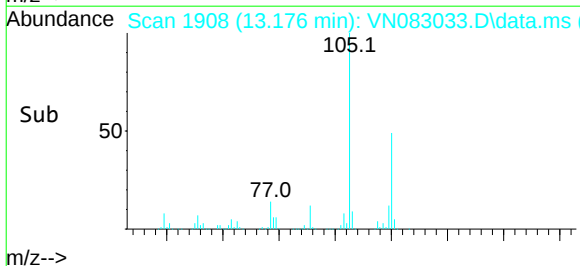
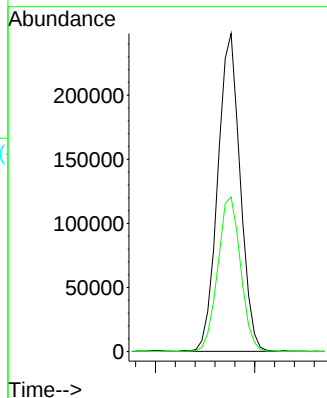
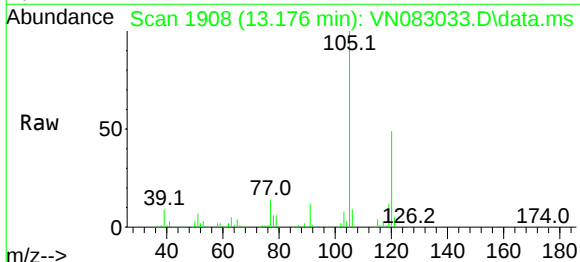
Manual Integrations  
APPROVED

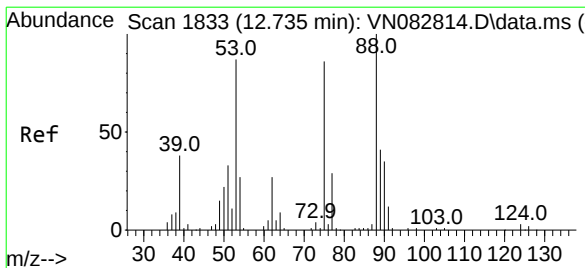
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#80  
1,3,5-Trimethylbenzene  
Concen: 49.440 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:105 Resp: 388147  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.3 72.8





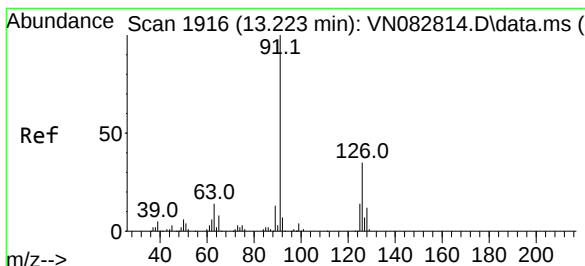
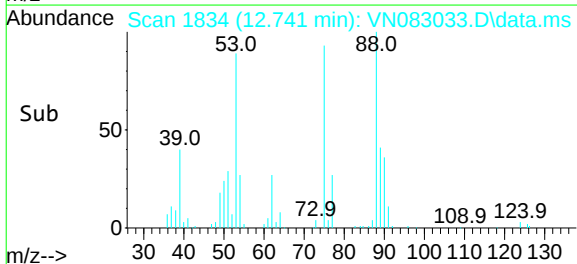
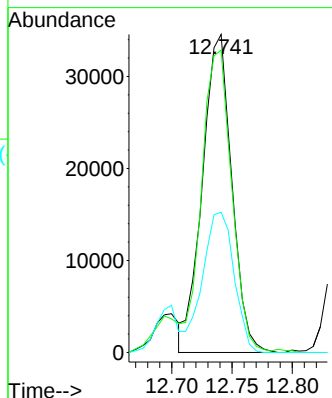
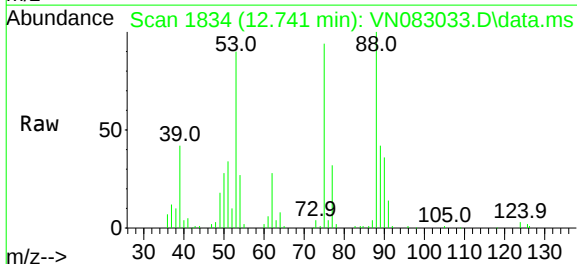
#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.109 ug/l  
RT: 12.741 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 96.6  | 88.4  | 132.6 |
| 89      | 46.4  | 36.3  | 54.5  |

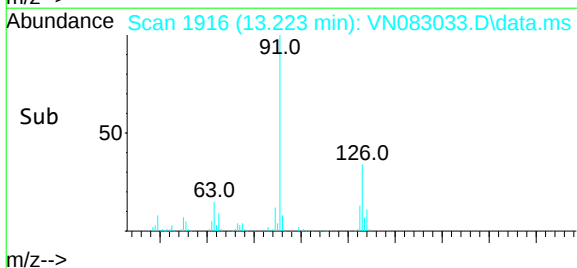
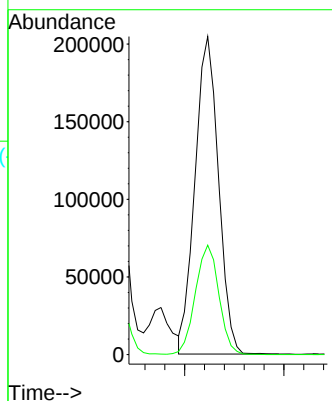
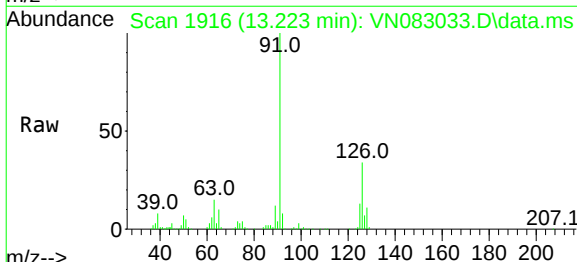
Manual Integrations  
APPROVED

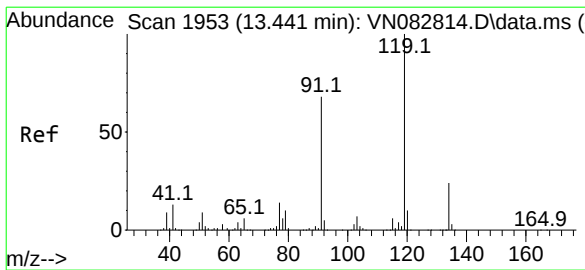
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#82  
4-Chlorotoluene  
Concen: 47.656 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.6  | 16.2  | 48.6  |





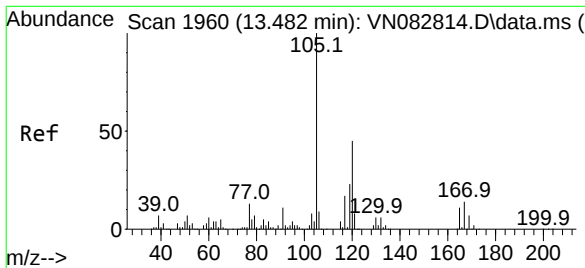
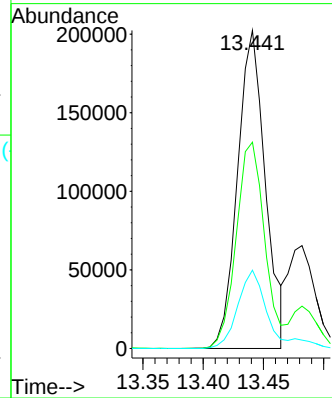
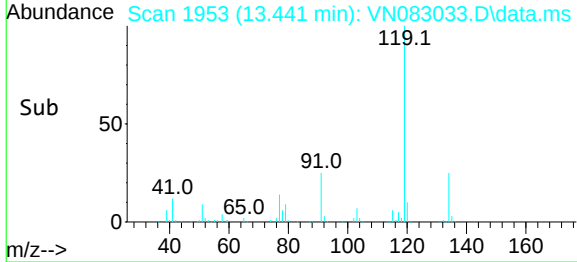
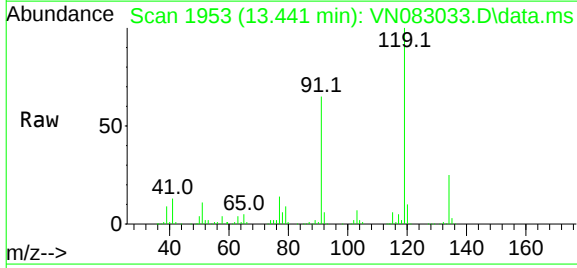
#83  
tert-Butylbenzene  
Concen: 46.761 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 325465 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 91       | 65.9  | 35.0  | 105.1  |
| 134      | 24.6  | 13.3  | 39.8   |

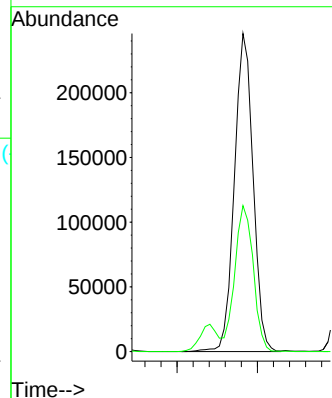
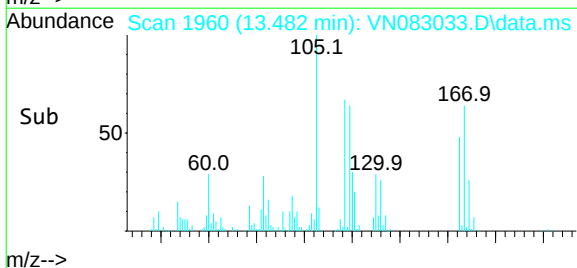
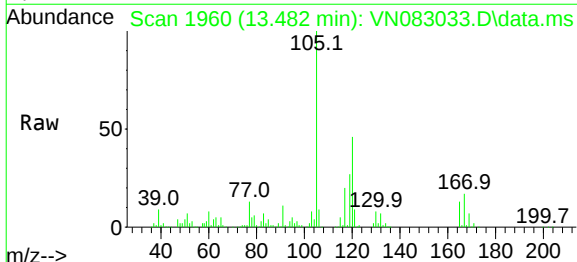
Manual Integrations  
APPROVED

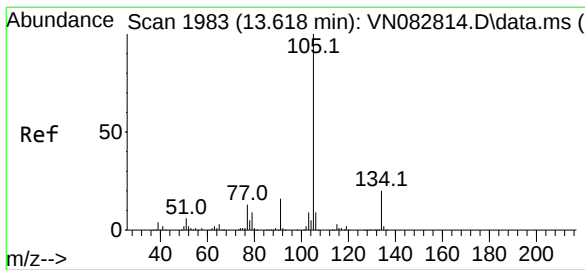
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#84  
1,2,4-Trimethylbenzene  
Concen: 49.596 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 396859 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 120      | 46.0  | 21.9  | 65.8   |





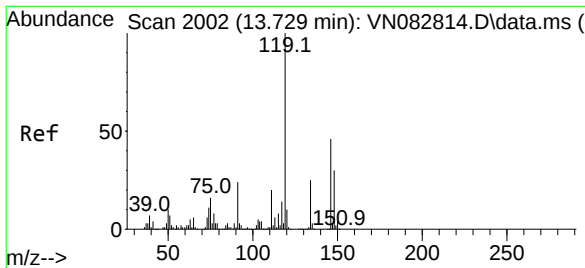
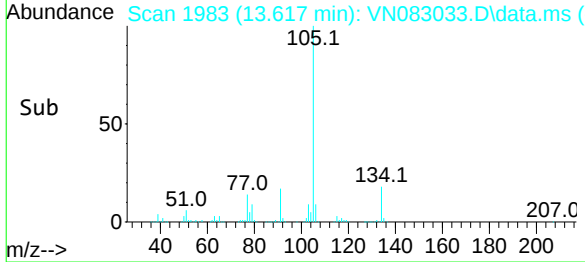
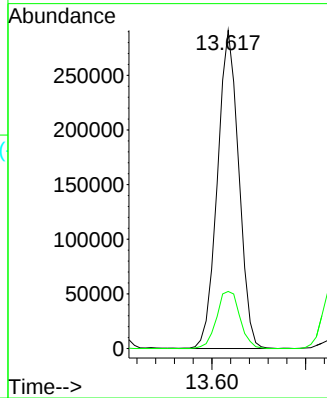
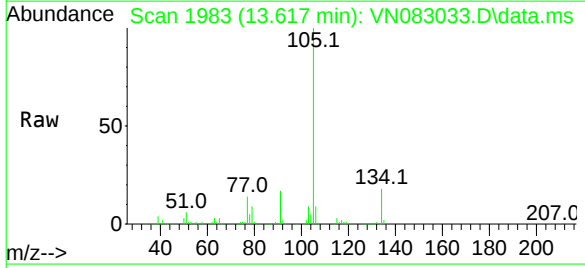
#85  
sec-Butylbenzene  
Concen: 48.948 ug/l  
RT: 13.617 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:105 Resp: 460380  
Ion Ratio Lower Upper  
105 100  
134 19.6 9.8 29.3

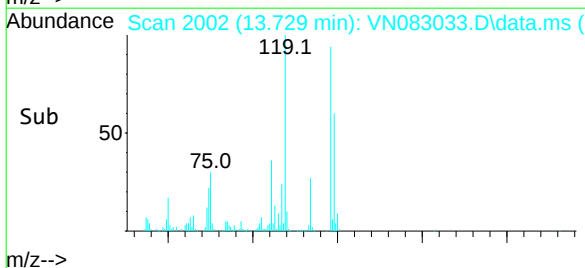
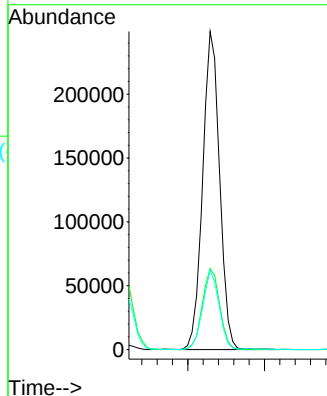
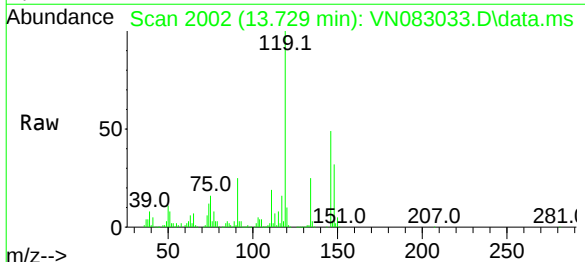
Manual Integrations  
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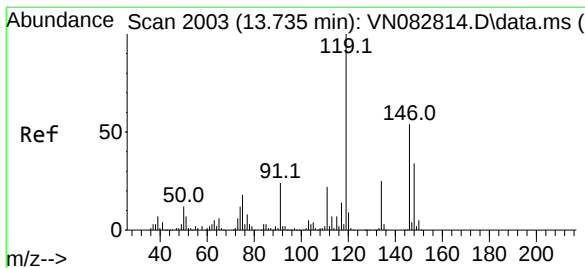
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#86  
p-Isopropyltoluene  
Concen: 48.646 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:119 Resp: 381736  
Ion Ratio Lower Upper  
119 100  
134 26.0 13.0 39.0  
91 24.2 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.212 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 222752

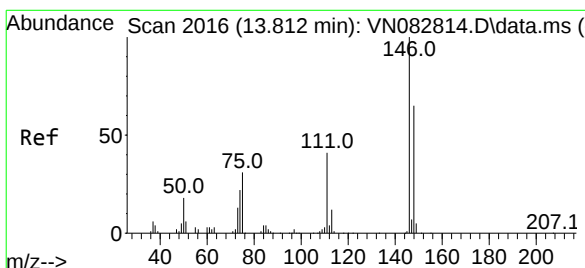
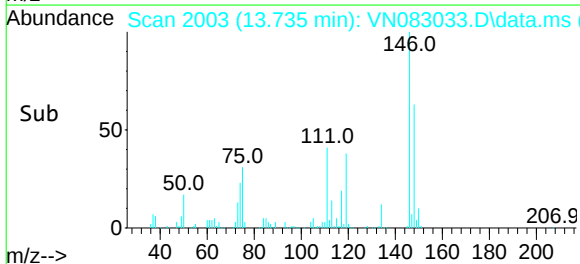
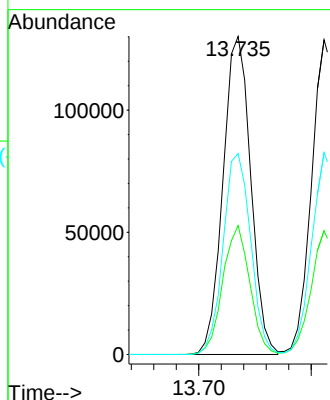
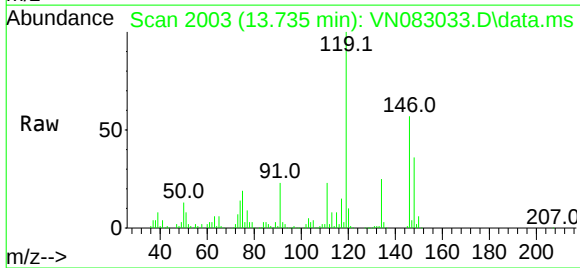
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.5  | 20.6  | 61.9  |
| 148 | 62.9  | 31.8  | 95.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#88

1,4-Dichlorobenzene

Concen: 46.161 ug/l

RT: 13.811 min Scan# 2016

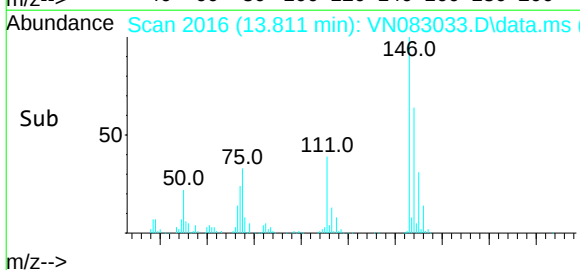
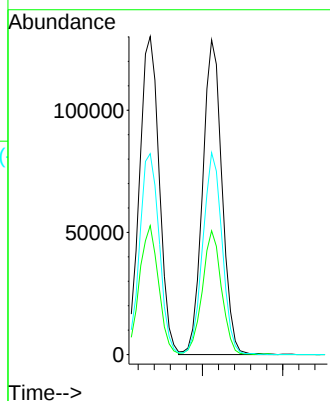
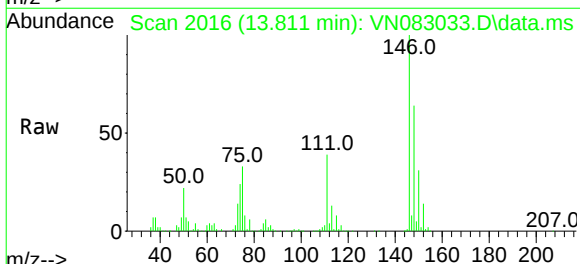
Delta R.T. 0.000 min

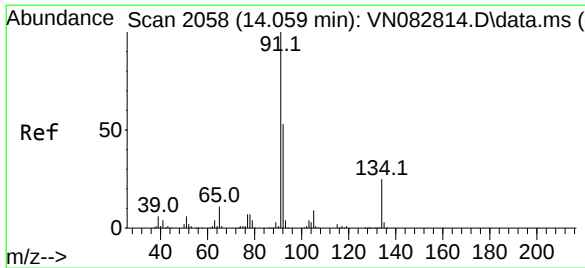
Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Tgt Ion:146 Resp: 216085

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 38.9  | 20.1  | 60.3  |
| 148 | 63.9  | 32.2  | 96.6  |





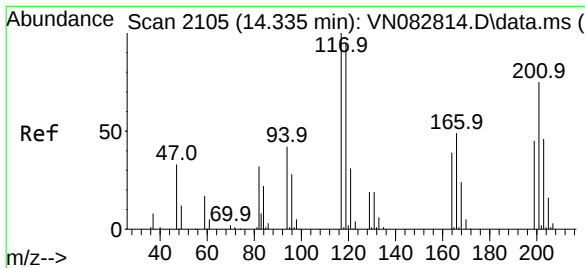
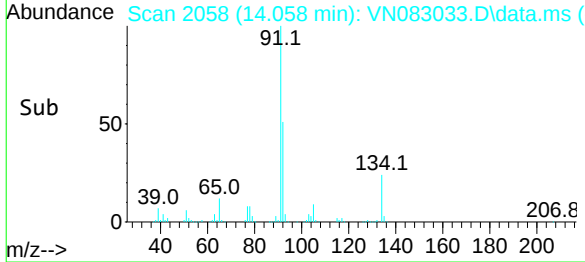
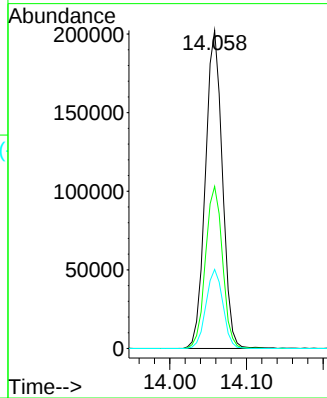
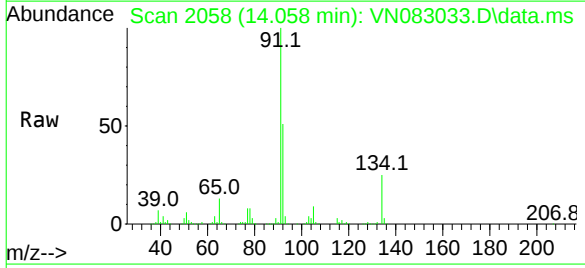
#89  
n-Butylbenzene  
Concen: 46.272 ug/l  
RT: 14.058 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 311080  
Ion Ratio Lower Upper  
91 100  
92 51.0 26.1 78.3  
134 24.8 12.1 36.3

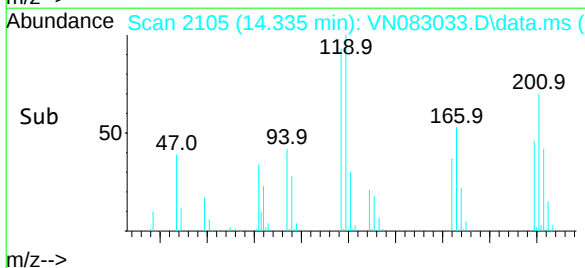
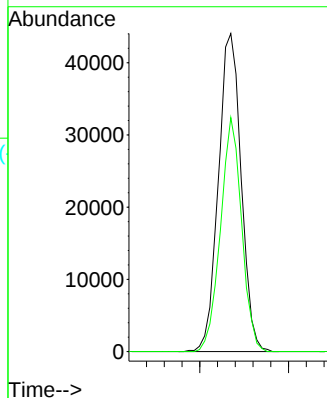
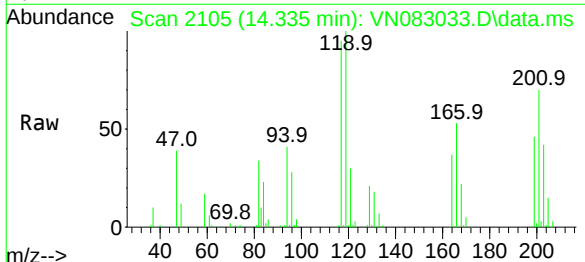
Manual Integrations  
APPROVED

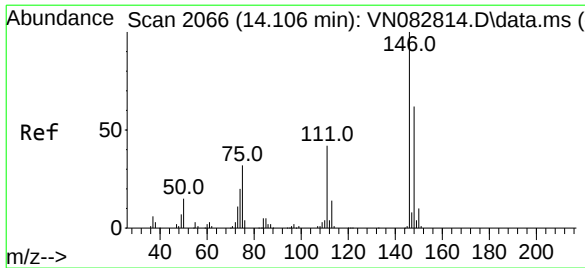
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#90  
Hexachloroethane  
Concen: 47.176 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:117 Resp: 78333  
Ion Ratio Lower Upper  
117 100  
201 68.3 35.8 107.3





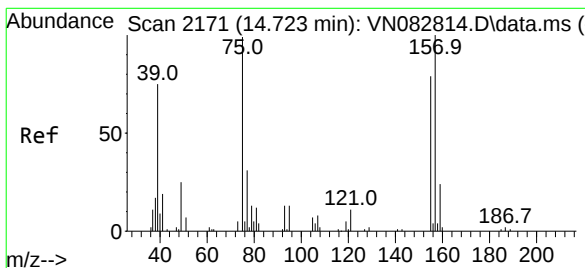
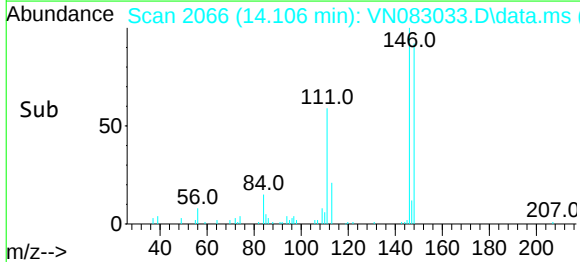
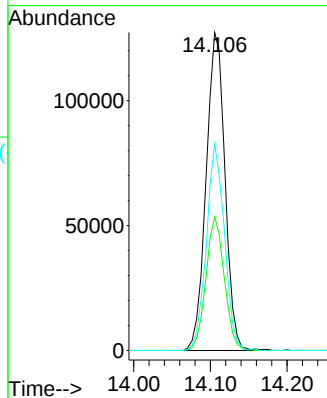
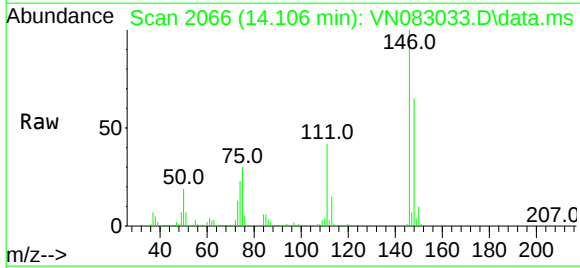
#91  
1,2-Dichlorobenzene  
Concen: 49.398 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.0  | 21.4  | 64.2  |
| 148     | 62.5  | 32.1  | 96.5  |

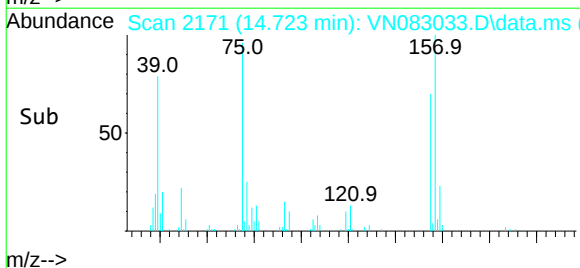
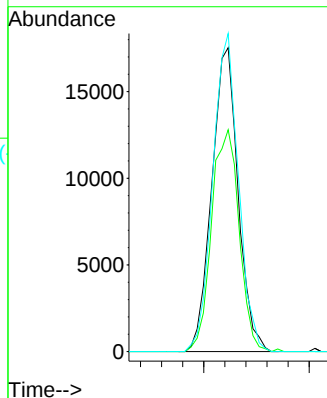
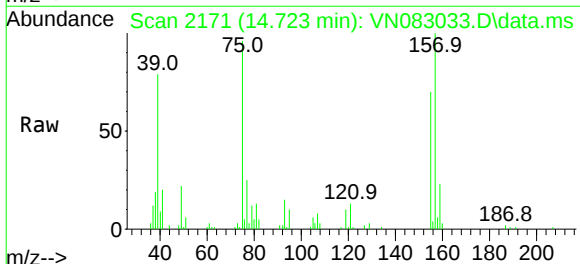
Manual Integrations  
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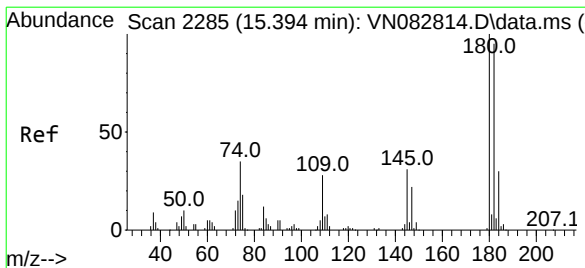
Reviewed By :John Carlone 07/25/2024  
Supervised By :Mahesh Dadoda 07/25/2024



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.174 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 76.4  | 36.6  | 109.8 |
| 157     | 101.6 | 46.9  | 140.6 |





#93

1,2,4-Trichlorobenzene

Concen: 42.017 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 99465

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

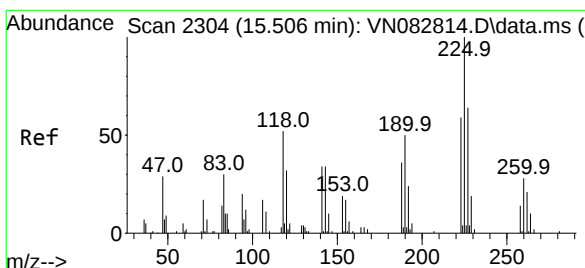
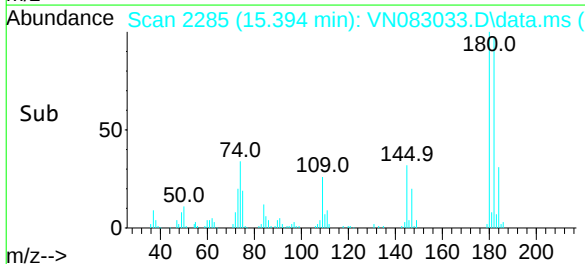
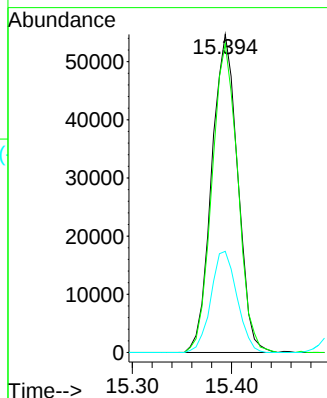
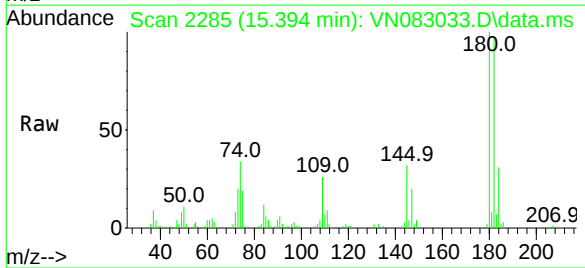
145 31.9 15.7 47.1

Manual Integrations

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Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#94

Hexachlorobutadiene

Concen: 41.401 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

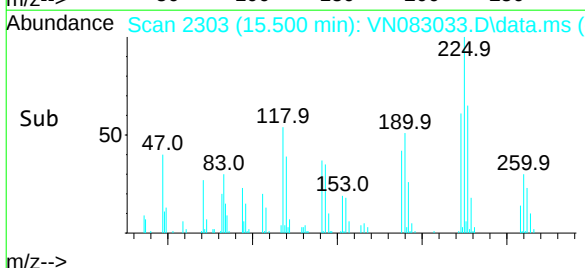
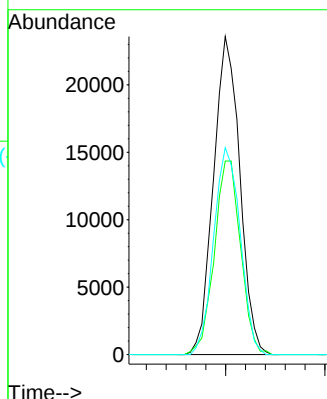
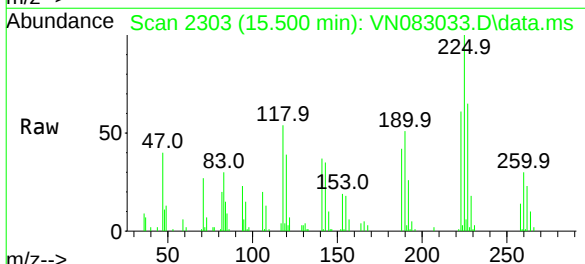
Tgt Ion:225 Resp: 43448

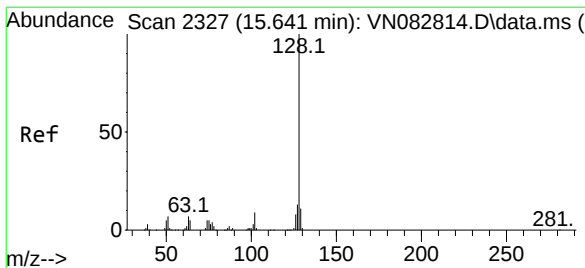
Ion Ratio Lower Upper

225 100

223 60.8 31.9 95.7

227 65.5 32.5 97.5





#95

Naphthalene

Concen: 42.736 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

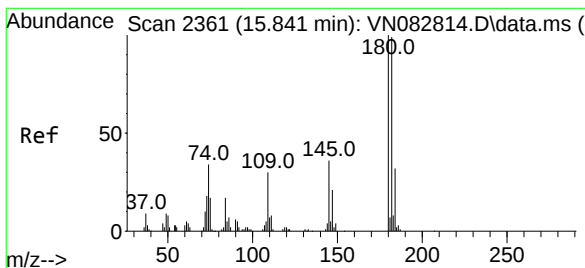
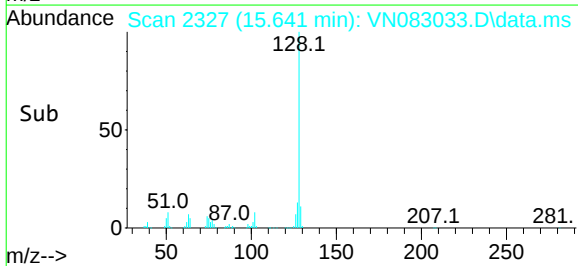
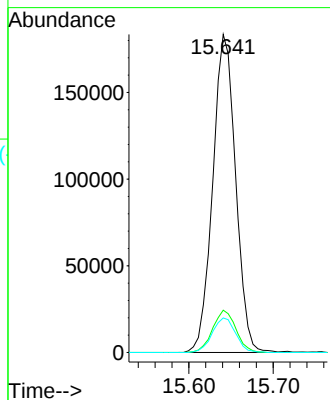
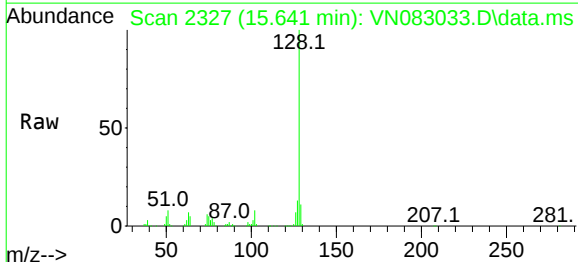
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 346510 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.5  | 10.6  | 16.0   |
| 129      | 11.1  | 8.6   | 12.8   |

Manual Integrations

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Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 42.880 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 104371 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 96.2  | 48.9  | 146.8  |
| 145      | 34.9  | 16.8  | 50.4   |

