

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081821.D
 Acq On : 22 Apr 2024 10:17
 Operator : JC\MD
 Sample : VN0422WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 06:54:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|------------------------------|--------|-------|----------|----------|-------|----------|--------|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 7.812 | 128 | 13212 | 30.000 | ug/l | -0.01 | |
| 28) 1,4-Difluorobenzene | 9.100 | 114 | 80447 | 30.000 | ug/l | 0.00 | |
| 57) Chlorobenzene-d5 | 11.865 | 117 | 141319 | 30.000 | ug/l | 0.00 | |
| System Monitoring Compounds | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 8.577 | 65 | 45636 | 28.117 | ug/l | 0.00 | |
| Spiked Amount | 30.000 | Range | 91 - 110 | Recovery | = | 93.733% | |
| 60) 4-Bromofluorobenzene | 12.847 | 95 | 62196 | 22.386 | ug/l | 0.00 | |
| Spiked Amount | 30.000 | Range | 63 - 112 | Recovery | = | 74.633% | |
| 63) Toluene-d8 | 10.571 | 98 | 168191 | 29.670 | ug/l | 0.00 | |
| Spiked Amount | 30.000 | Range | 91 - 112 | Recovery | = | 98.900% | |
| Target Compounds | | | | | | | |
| | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.124 | 85 | 40109 | 21.726 | ug/l | | 98 |
| 3) Chloromethane | 2.359 | 50 | 25239 | 15.758 | ug/l | | 97 |
| 4) Vinyl Chloride | 2.512 | 62 | 35233 | 21.392 | ug/l | | 96 |
| 5) Bromomethane | 2.965 | 94 | 28205 | 20.221 | ug/l | | 99 |
| 6) Chloroethane | 3.130 | 64 | 29953 | 23.236 | ug/l | | 96 |
| 7) Trichlorofluoromethane | 3.500 | 101 | 49146 | 18.176 | ug/l | | 95 |
| 8) Diethyl Ether | 3.965 | 74 | 14847 | 14.722 | ug/l | | 86 |
| 9) 1,1,2-Trichlorotrifluo... | 4.383 | 101 | 32582m | 17.563 | ug/l | | |
| 10) 1,1-Dichloroethene | 4.341 | 96 | 26973 | 15.854 | ug/l | | 90 |
| 11) Methyl Iodide | 4.583 | 142 | 27377m | 14.209 | ug/l | | |
| 12) Methyl Acetate | 5.018 | 43 | 25963m | 16.619 | ug/l | | |
| 13) Acrolein | 4.177 | 56 | 19073 | 92.700 | ug/l | | 97 |
| 14) Acrylonitrile | 5.724 | 53 | 60887 | 78.297 | ug/l | | 93 |
| 15) Acetone | 4.430 | 58 | 13958m | 81.609 | ug/l | | |
| 16) Carbon Disulfide | 4.712 | 76 | 74346 | 15.368 | ug/l | | 99 |
| 17) Allyl chloride | 5.030 | 41 | 33560 | 16.306 | ug/l | | 87 |
| 18) Methylene Chloride | 5.283 | 84 | 32920m | 16.804 | ug/l | | |
| 19) trans-1,2-Dichloroethene | 5.788 | 96 | 31318 | 16.786 | ug/l | | 81 |
| 20) Diisopropyl ether | 6.665 | 45 | 89414 | 18.248 | ug/l | # | 87 |
| 21) 1,1-Dichloroethane | 6.565 | 63 | 59284 | 18.147 | ug/l | | 96 |
| 22) cis-1,2-Dichloroethene | 7.477 | 96 | 38674 | 17.166 | ug/l | | 97 |
| 23) tert-Butyl Alcohol | 5.518 | 59 | 19779 | 71.649 | ug/l | # | 100 |
| 24) Methyl tert-Butyl Ether | 5.794 | 73 | 88453 | 16.623 | ug/l | | 92 |
| 25) Chloroform | 7.971 | 83 | 69289 | 18.641 | ug/l | | 98 |
| 26) Cyclohexane | 8.259 | 56 | 44769 | 17.094 | ug/l | # | 83 |
| 29) 1,1-Dichloropropene | 8.371 | 75 | 44516 | 21.048 | ug/l | | 99 |
| 30) 2-Butanone | 7.482 | 43 | 81140 | 100.455 | ug/l | | 97 |
| 31) 2,2-Dichloropropane | 7.488 | 77 | 55947 | 21.237 | ug/l | | 98 |
| 32) 1,1,1-Trichloroethane | 8.171 | 97 | 62647 | 21.492 | ug/l | | 97 |
| 33) Carbon Tetrachloride | 8.359 | 117 | 54798 | 20.740 | ug/l | | 95 |
| 34) Benzene | 8.606 | 78 | 140749 | 20.659 | ug/l | | 98 |
| 35) Methacrylonitrile | 7.777 | 41 | 19440 | 21.248 | ug/l | | 95 |
| 36) 1,2-Dichloroethane | 8.665 | 62 | 52098 | 23.313 | ug/l | | 98 |
| 37) Trichloroethene | 9.353 | 130 | 34149 | 18.941 | ug/l | | 100 |
| 38) Methylcyclohexane | 9.600 | 83 | 58192 | 22.511 | ug/l | | 99 |
| 39) 1,2-Dichloropropane | 9.618 | 63 | 42096 | 26.485 | ug/l | | 98 |
| 40) Dibromomethane | 9.706 | 93 | 34852 | 27.527 | ug/l | | 93 |
| 41) Bromodichloromethane | 9.888 | 83 | 73010 | 28.278 | ug/l | | 98 |
| 42) Vinyl Acetate | 6.600 | 43 | 361196 | 107.345 | ug/l | | 99 |

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 ALS Vial : 4 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 06:54:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate | 7.553 | 43 | 37620 | 21.133 | ug/l | 96 |
| 44) Isopropyl Acetate | 8.688 | 43 | 61823 | 20.727 | ug/l | 94 |
| 45) 1,4-Dioxane | 9.694 | 88 | 14841 | 450.737 | ug/l # | 85 |
| 46) Methyl methacrylate | 9.682 | 41 | 31436 | 23.437 | ug/l | 96 |
| 47) n-amyl Acetate | 12.494 | 43 | 67719 | 25.302 | ug/l | 99 |
| 48) t-1,3-Dichloropropene | 10.835 | 75 | 66084 | 26.866 | ug/l | 97 |
| 49) cis-1,3-Dichloropropene | 10.312 | 75 | 72921 | 27.528 | ug/l # | 89 |
| 50) 1,1,2-Trichloroethane | 11.018 | 97 | 45746 | 26.984 | ug/l | 97 |
| 51) Ethyl methacrylate | 10.871 | 69 | 59770 | 25.320 | ug/l | 94 |
| 52) 1,3-Dichloropropane | 11.165 | 76 | 82945 | 29.849 | ug/l | 100 |
| 53) Dibromochloromethane | 11.359 | 129 | 53845 | 26.588 | ug/l | 98 |
| 54) 1,2-Dibromoethane | 11.470 | 107 | 43745 | 24.963 | ug/l | 97 |
| 55) 2-Chloroethyl vinyl ether | 10.159 | 63 | 200755 | 173.184 | ug/l | 98 |
| 56) Bromoform | 12.576 | 173 | 33977 | 26.238 | ug/l # | 75 |
| 58) 4-Methyl-2-Pentanone | 10.441 | 43 | 251614 | 103.533 | ug/l | 92 |
| 59) 2-Hexanone | 11.194 | 43 | 191713 | 105.040 | ug/l | 93 |
| 61) Tetrachloroethene | 11.106 | 164 | 56185 | 21.456 | ug/l | 91 |
| 62) Toluene | 10.629 | 91 | 202625 | 19.708 | ug/l | 98 |
| 64) Chlorobenzene | 11.888 | 112 | 124307 | 19.067 | ug/l | 97 |
| 65) 1,1,1,2-Tetrachloroethane | 11.959 | 131 | 45889 | 19.377 | ug/l | 96 |
| 66) Ethyl Benzene | 11.965 | 91 | 199274 | 18.230 | ug/l | 94 |
| 67) m/p-Xylenes | 12.070 | 106 | 164086 | 37.896 | ug/l | 95 |
| 68) o-Xylene | 12.394 | 106 | 79643 | 19.375 | ug/l | 90 |
| 69) Styrene | 12.412 | 104 | 132525 | 18.931 | ug/l | 97 |
| 70) Isopropylbenzene | 12.694 | 105 | 162465 | 15.320 | ug/l | 99 |
| 71) 1,1,2,2-Tetrachloroethane | 12.935 | 83 | 45093 | 16.278 | ug/l | 99 |
| 72) 1,2,3-Trichloropropane | 12.994 | 75 | 42446m | 16.551 | ug/l | |
| 73) Bromobenzene | 12.982 | 156 | 40330 | 15.348 | ug/l | 92 |
| 74) n-propylbenzene | 13.035 | 91 | 191906 | 15.118 | ug/l | 98 |
| 75) 2-Chlorotoluene | 13.123 | 91 | 116006 | 15.340 | ug/l | 95 |
| 76) 1,3,5-Trimethylbenzene | 13.170 | 105 | 134065 | 14.895 | ug/l | 98 |
| 77) t-1,4-Dichloro-2-butene | 12.735 | 75 | 16171 | 15.226 | ug/l | 99 |
| 78) 4-Chlorotoluene | 13.223 | 91 | 121939 | 16.257 | ug/l | 95 |
| 79) tert-butylbenzene | 13.441 | 119 | 112158 | 14.647 | ug/l | 98 |
| 80) 1,2,4-Trimethylbenzene | 13.482 | 105 | 137246 | 15.290 | ug/l | 99 |
| 81) sec-Butylbenzene | 13.617 | 105 | 166093 | 15.040 | ug/l | 99 |
| 82) p-Isopropyltoluene | 13.729 | 119 | 133493 | 14.413 | ug/l | 96 |
| 83) 1,3-Dichlorobenzene | 13.729 | 146 | 79272 | 16.142 | ug/l | 97 |
| 84) 1,4-Dichlorobenzene | 13.811 | 146 | 77076 | 16.214 | ug/l | 96 |
| 85) n-Butylbenzene | 14.059 | 91 | 111991 | 14.355 | ug/l | 96 |
| 86) Hexachloroethane | 14.335 | 117 | 27825 | 15.726 | ug/l | 89 |
| 87) 1,2-Dichlorobenzene | 14.106 | 146 | 75957 | 16.250 | ug/l | 98 |
| 88) 1,2-Dibromo-3-Chloropr... | 14.723 | 75 | 9471 | 15.683 | ug/l | 95 |
| 89) 1,2,4-Trichlorobenzene | 15.835 | 180 | 41171 | 16.069 | ug/l | 97 |
| 90) Hexachlorobutadiene | 15.500 | 225 | 18106 | 17.635 | ug/l | 98 |
| 91) Naphthalene | 15.641 | 128 | 116819 | 14.182 | ug/l | 99 |
| 92) 1,2,3-Trichlorobenzene | 15.835 | 180 | 41171 | 16.069 | ug/l | 97 |

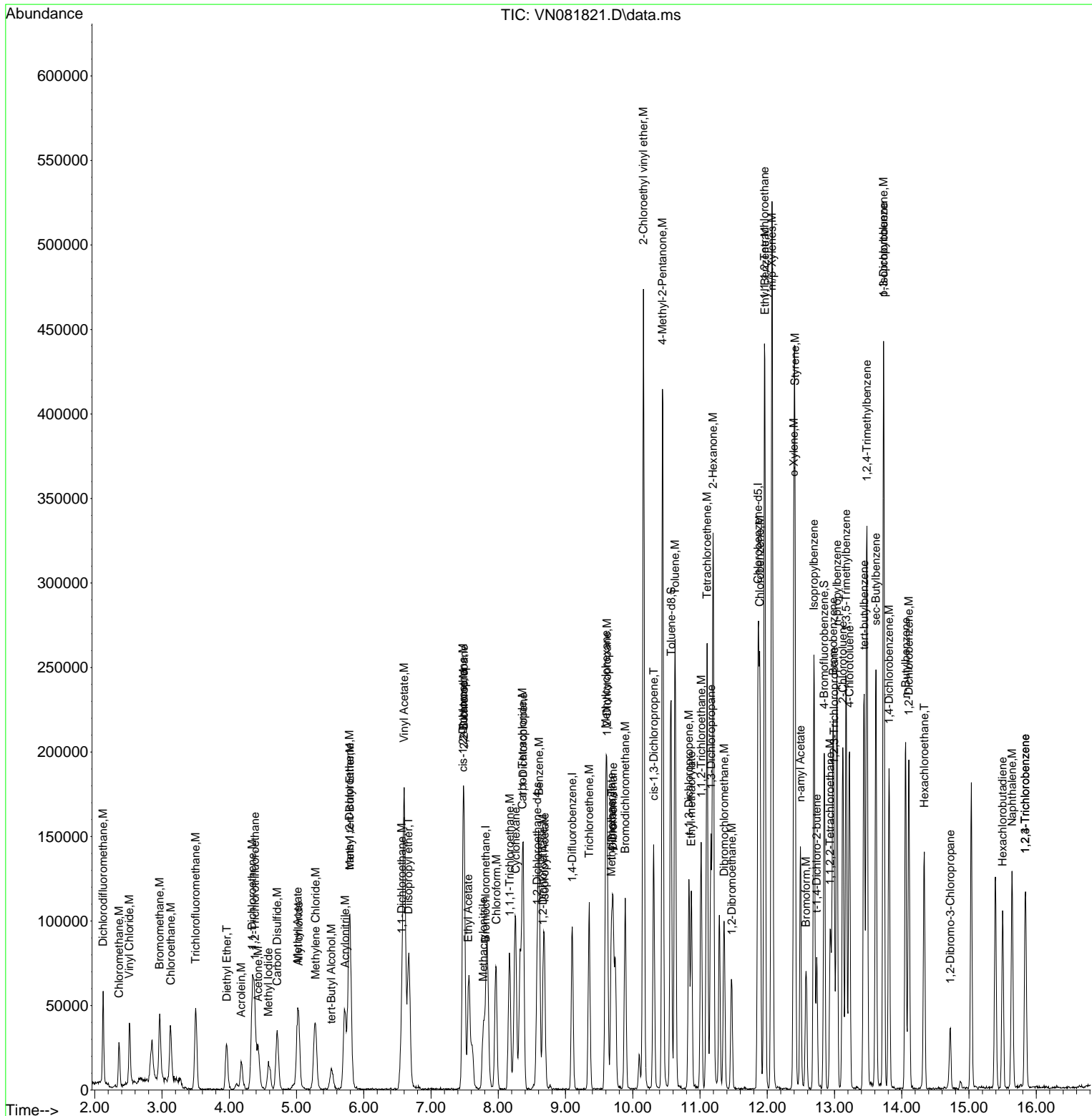
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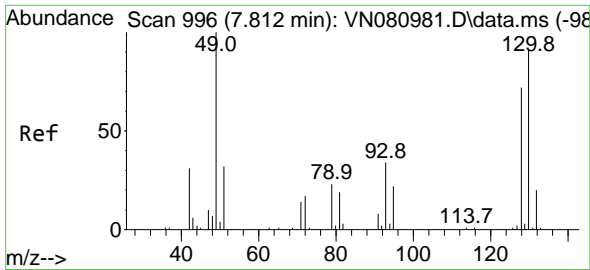
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
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 ALS Vial : 4 Sample Multiplier: 1

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Client Sample Id :
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Quant Time: Apr 23 06:54:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

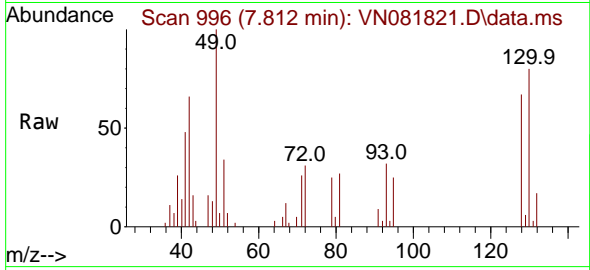
Manual Integrations
APPROVED
 Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024





#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.012 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

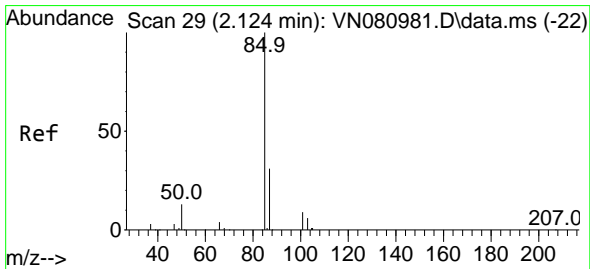
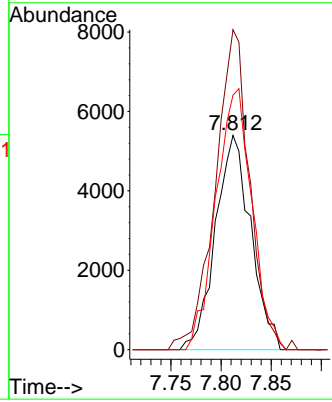
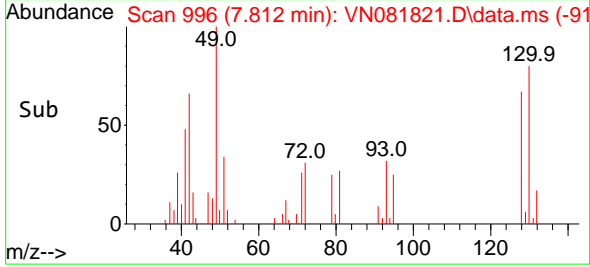
Instrument : MSVOA_N
 Client Sample Id : VN0422WBS01



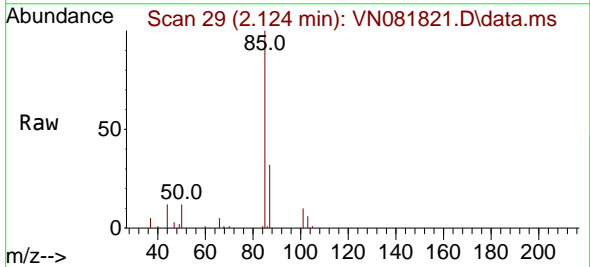
Tgt Ion: 128 Resp: 1321
 Ion Ratio Lower Upper
 128 100
 49 144.6 0.0 403.7
 130 124.7 0.0 323.3

Manual Integrations
APPROVED

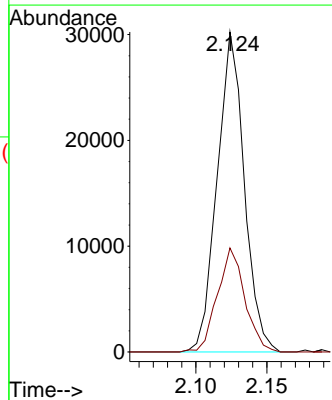
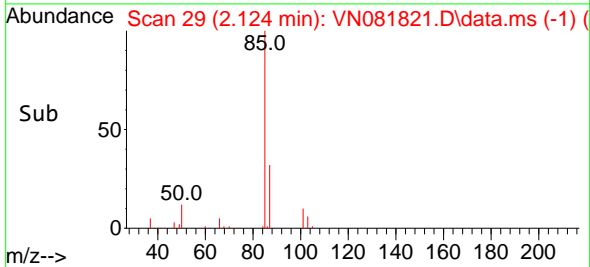
Reviewed By : John Carlone 04/23/2024
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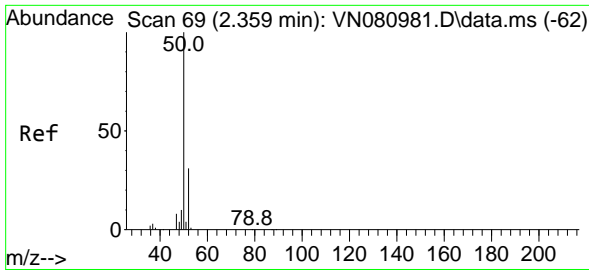


#2
 Dichlorodifluoromethane
 Concen: 21.726 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 85 Resp: 40109
 Ion Ratio Lower Upper
 85 100
 87 32.5 16.8 50.3





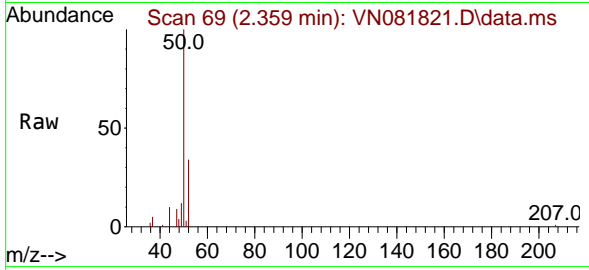
#3
 Chloromethane
 Concen: 15.758 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



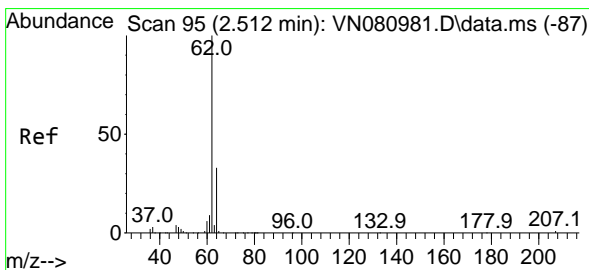
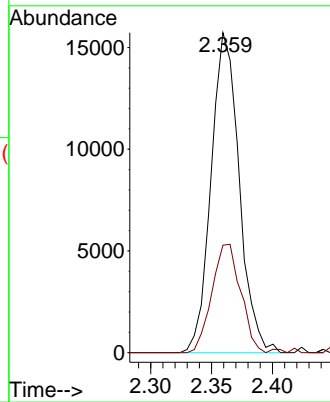
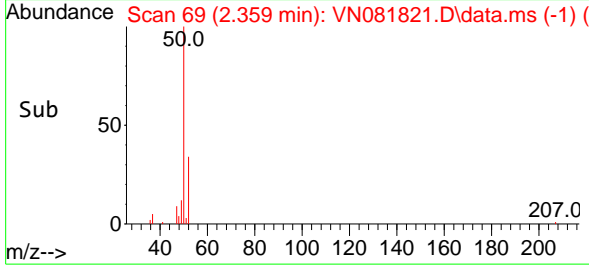
Tgt Ion: 50 Resp: 25239
 Ion Ratio Lower Upper
 50 100
 52 33.6 25.4 38.0

Manual Integrations

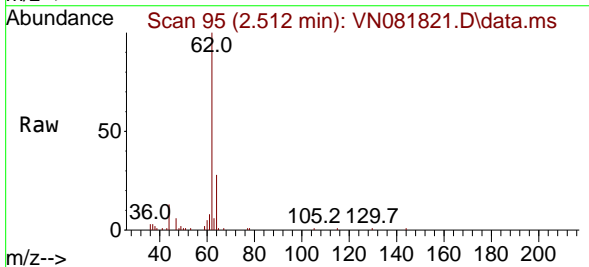
APPROVED

Reviewed By :John Carlone 04/23/2024

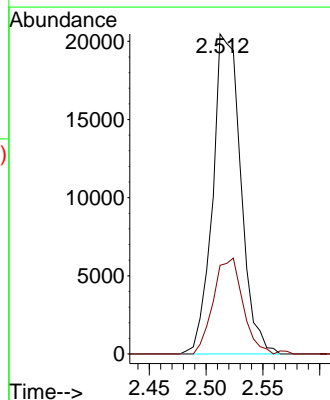
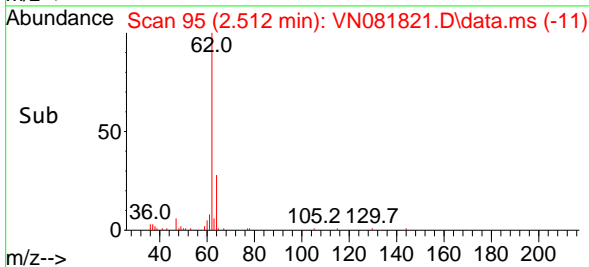
Supervised By :Mahesh Dadoda 04/23/2024

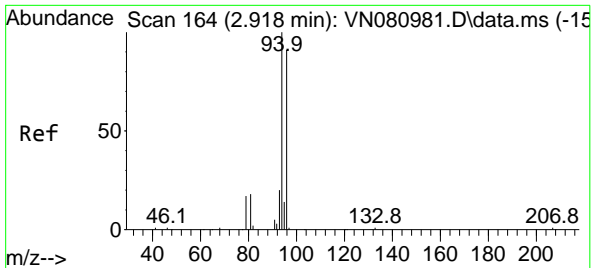


#4
 Vinyl Chloride
 Concen: 21.392 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



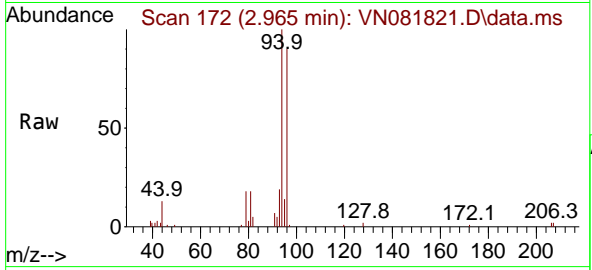
Tgt Ion: 62 Resp: 35233
 Ion Ratio Lower Upper
 62 100
 64 27.7 24.1 36.1





#5
 Bromomethane
 Concen: 20.221 ug/l
 RT: 2.965 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

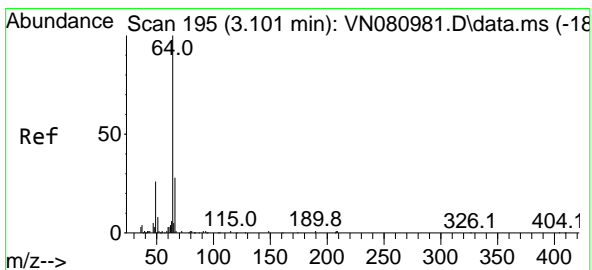
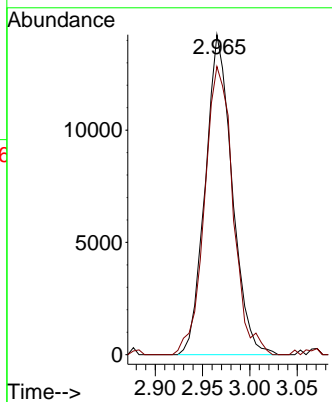
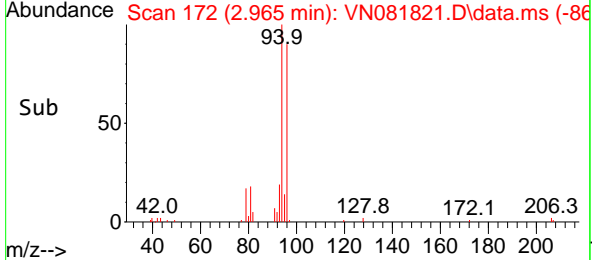
Instrument : MSVOA_N
 Client Sample Id : VN0422WBS01



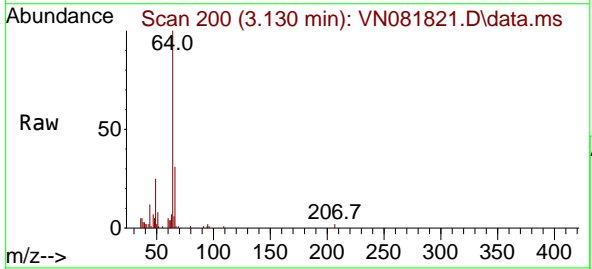
Tgt Ion: 94 Resp: 2820
 Ion Ratio Lower Upper
 94 100
 96 90.1 72.8 109.2

Manual Integrations
APPROVED

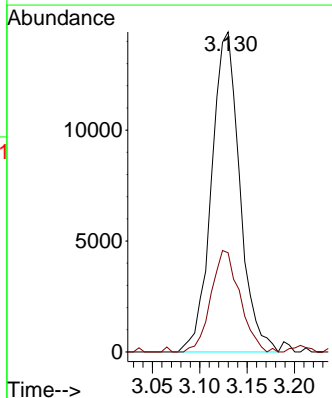
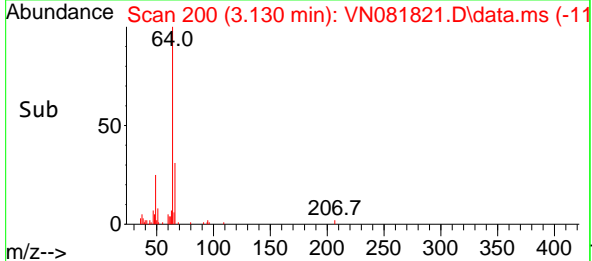
Reviewed By : John Carlone 04/23/2024
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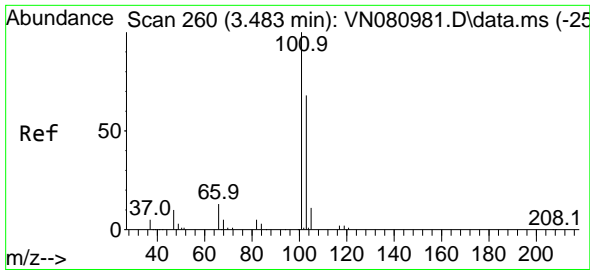


#6
 Chloroethane
 Concen: 23.236 ug/l
 RT: 3.130 min Scan# 200
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 64 Resp: 29953
 Ion Ratio Lower Upper
 64 100
 66 31.0 26.7 40.1





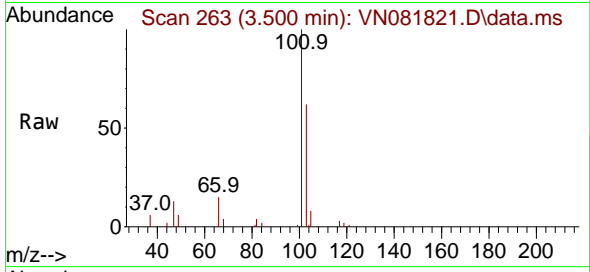
#7
 Trichlorofluoromethane
 Concen: 18.176 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



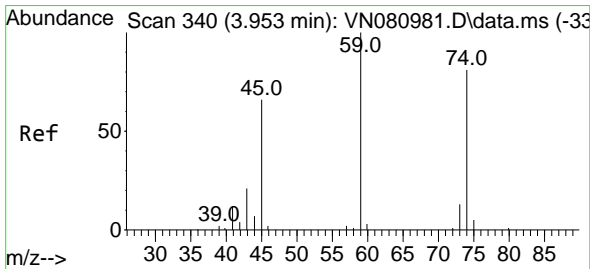
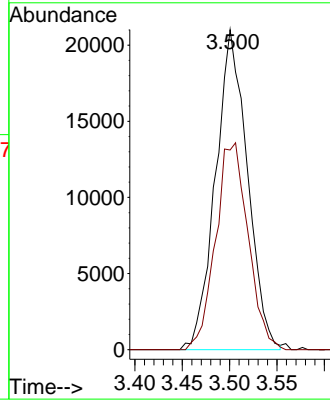
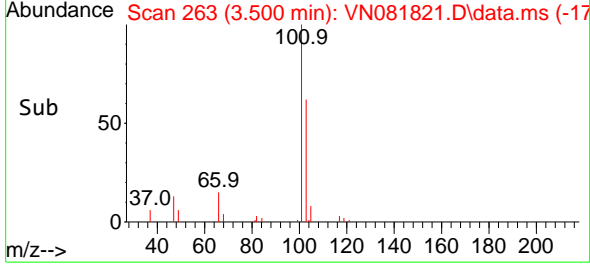
Tgt Ion: 101 Resp: 49140
 Ion Ratio Lower Upper
 101 100
 103 62.4 53.0 79.4

Manual Integrations

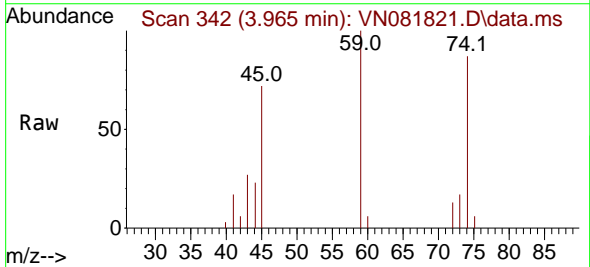
APPROVED

Reviewed By : John Carlone 04/23/2024

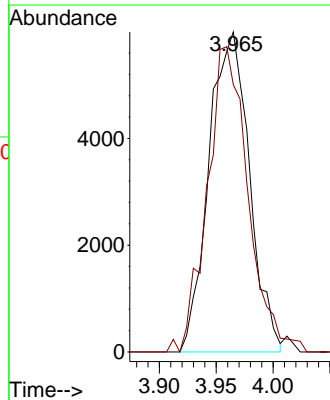
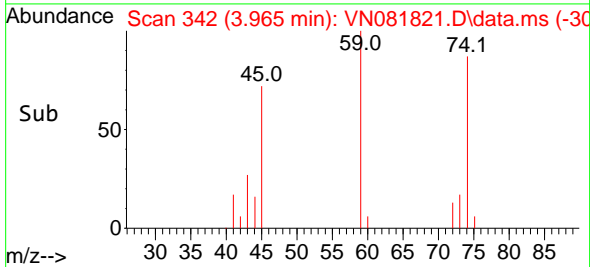
Supervised By : Mahesh Dadoda 04/23/2024

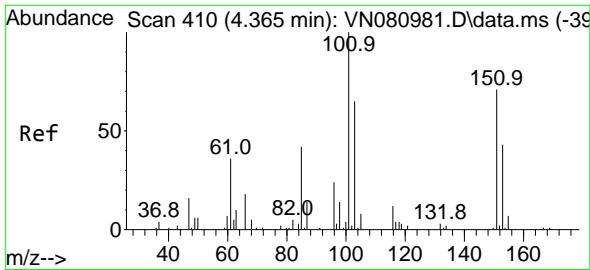


#8
 Diethyl Ether
 Concen: 14.722 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



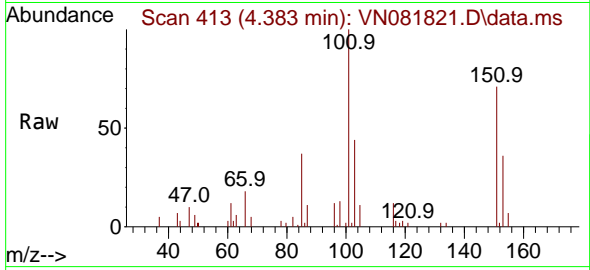
Tgt Ion: 74 Resp: 14847
 Ion Ratio Lower Upper
 74 100
 45 94.8 16.4 147.4





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.563 ug/l m
 RT: 4.383 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

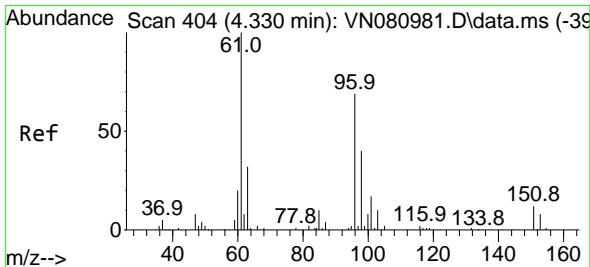
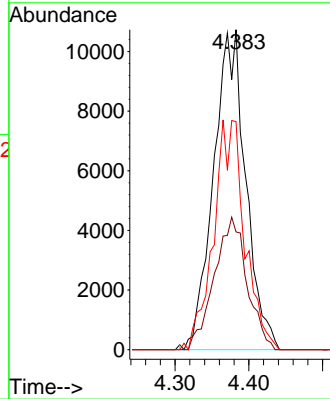
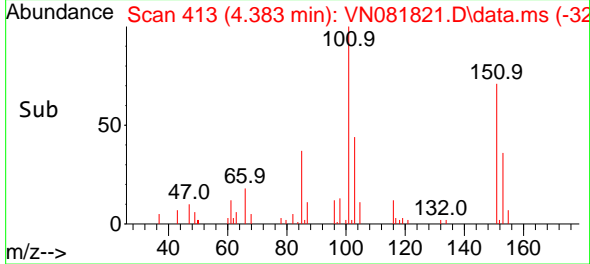
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01



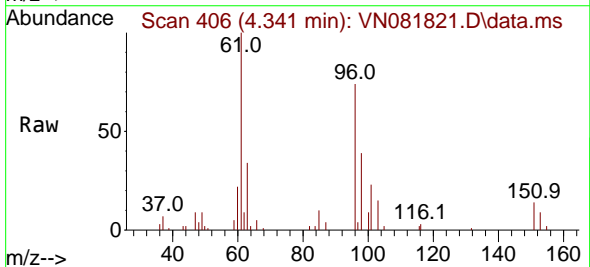
Tgt Ion: 101 Resp: 3258
 Ion Ratio Lower Upper
 101 100
 85 42.0 0.0 90.6
 151 35.0 0.0 157.6

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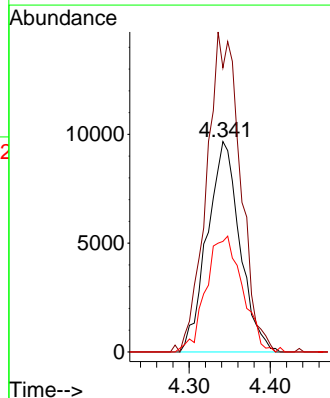
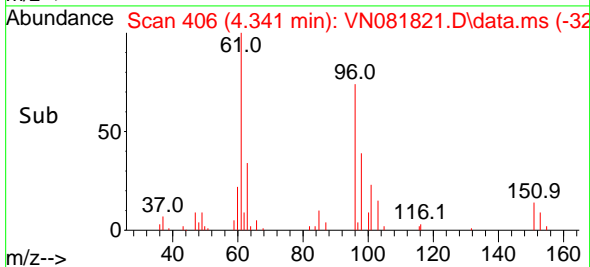
Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

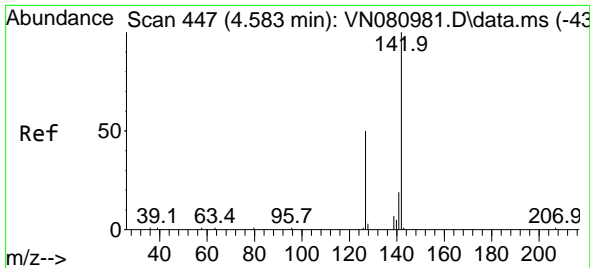


#10
 1,1-Dichloroethene
 Concen: 15.854 ug/l
 RT: 4.341 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 96 Resp: 26973
 Ion Ratio Lower Upper
 96 100
 61 135.1 117.6 176.4
 98 50.8 48.4 72.6





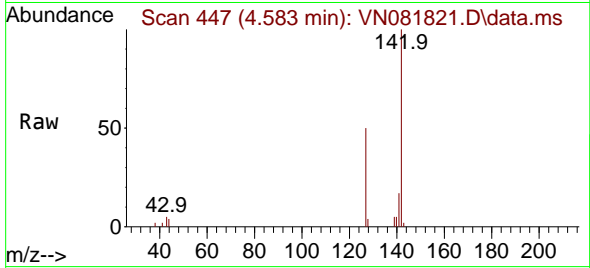
#11
 Methyl Iodide
 Concen: 14.209 ug/l m
 RT: 4.583 min Scan# 447
 Delta R.T. -0.012 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

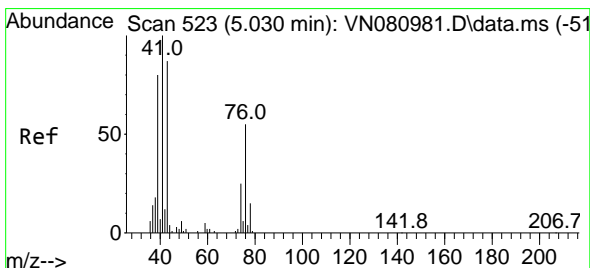
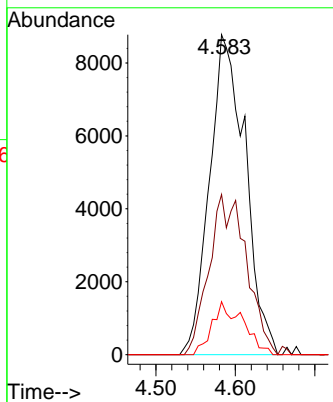
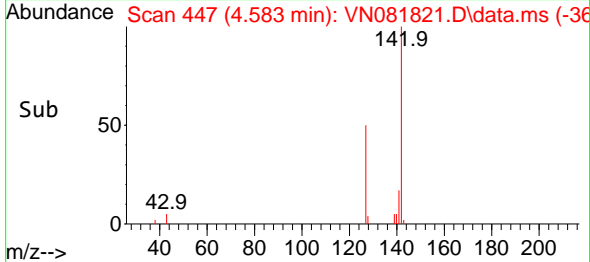
VN0422WBS01



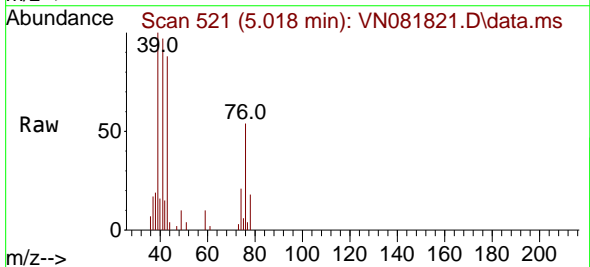
Tgt Ion:142 Resp: 2737
 Ion Ratio Lower Upper
 142 100
 127 50.0 26.3 78.9
 141 16.6 8.3 24.9

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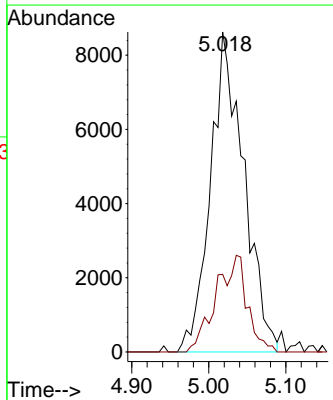
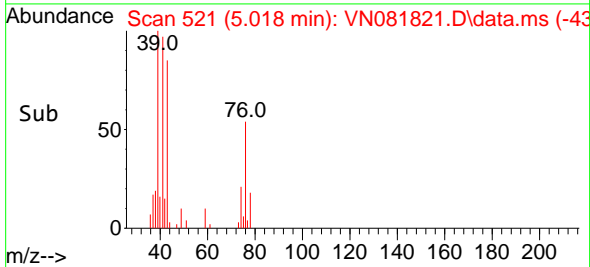
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

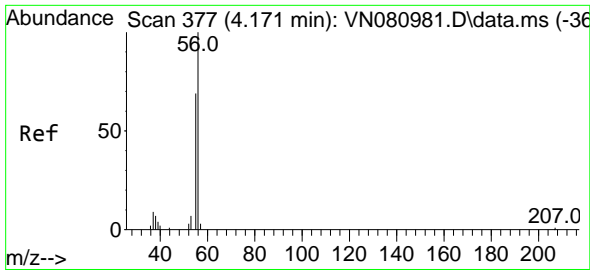


#12
 Methyl Acetate
 Concen: 16.619 ug/l m
 RT: 5.018 min Scan# 521
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 43 Resp: 25963
 Ion Ratio Lower Upper
 43 100
 74 24.2 27.7 41.5#





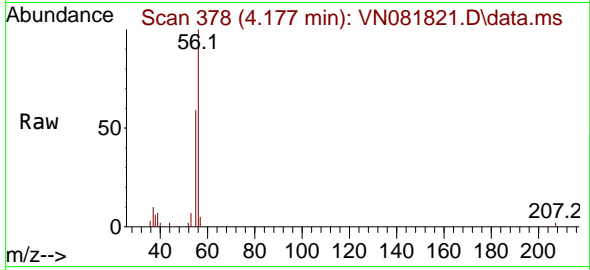
#13
 Acrolein
 Concen: 92.700 ug/l
 RT: 4.177 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



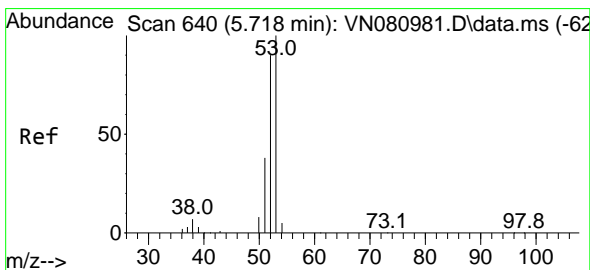
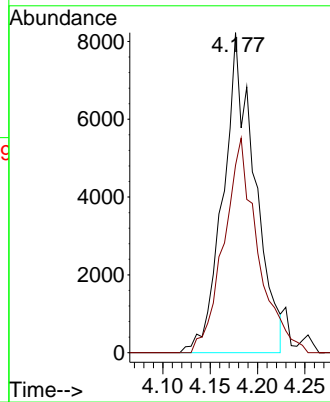
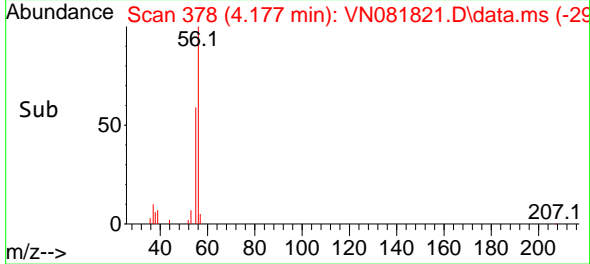
Tgt Ion: 56 Resp: 1907
 Ion Ratio Lower Upper
 56 100
 55 72.2 55.5 83.3

Manual Integrations

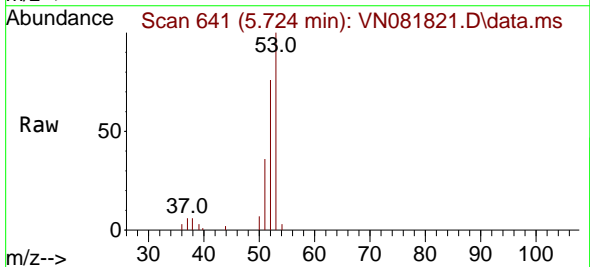
APPROVED

Reviewed By :John Carlone 04/23/2024

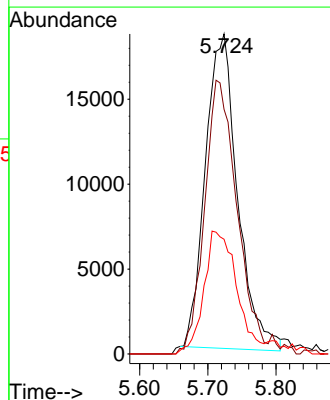
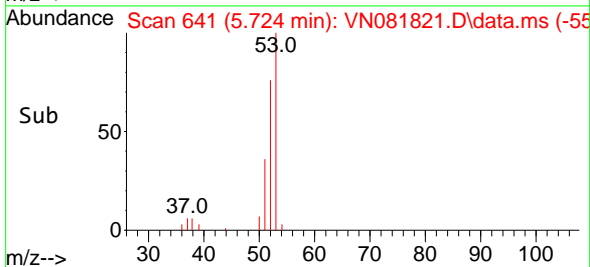
Supervised By :Mahesh Dadoda 04/23/2024

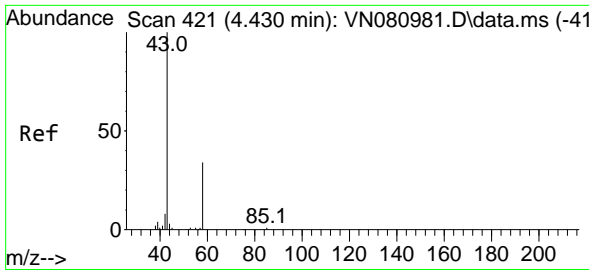


#14
 Acrylonitrile
 Concen: 78.297 ug/l
 RT: 5.724 min Scan# 641
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



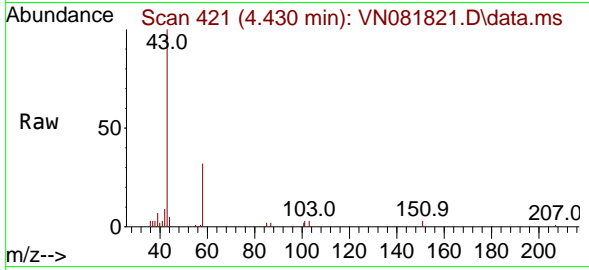
Tgt Ion: 53 Resp: 60887
 Ion Ratio Lower Upper
 53 100
 52 87.4 41.3 123.9
 51 39.8 16.8 50.3





#15
 Acetone
 Concen: 81.609 ug/l m
 RT: 4.430 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

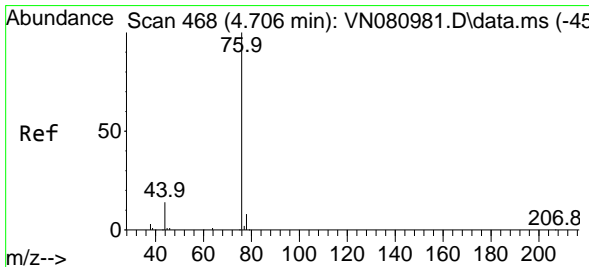
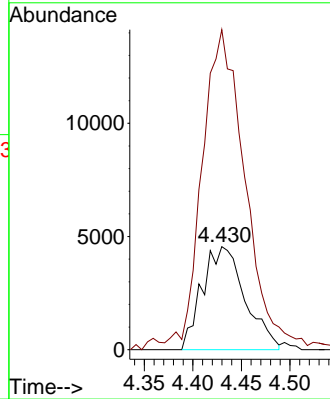
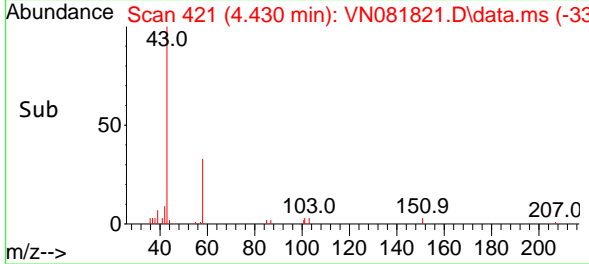
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01



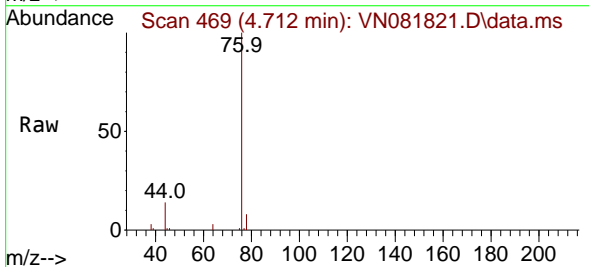
Tgt Ion: 58 Resp: 13958
 Ion Ratio Lower Upper
 58 100
 43 310.7 223.1 334.7

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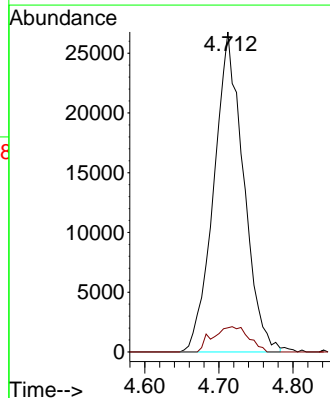
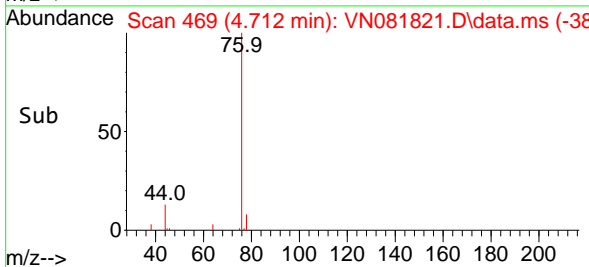
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

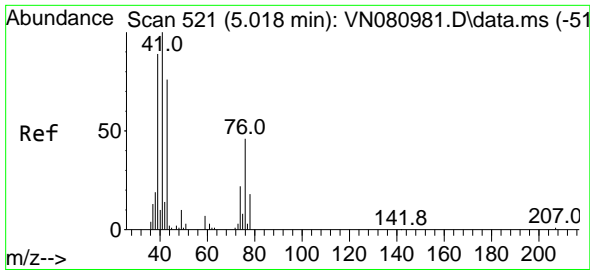


#16
 Carbon Disulfide
 Concen: 15.368 ug/l
 RT: 4.712 min Scan# 469
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



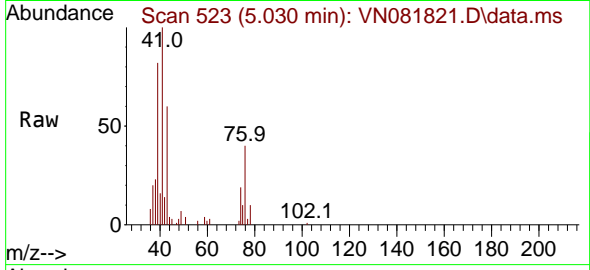
Tgt Ion: 76 Resp: 74346
 Ion Ratio Lower Upper
 76 100
 78 7.6 6.3 9.5





#17
 Allyl chloride
 Concen: 16.306 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

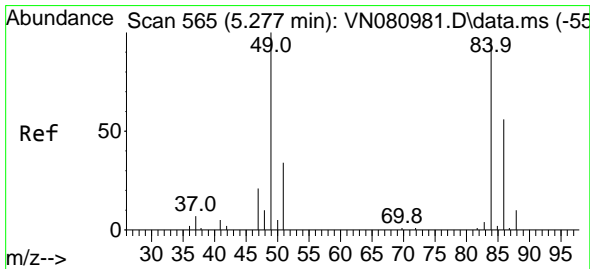
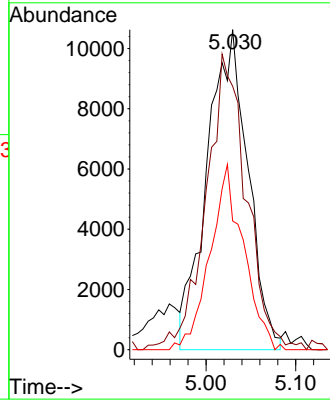
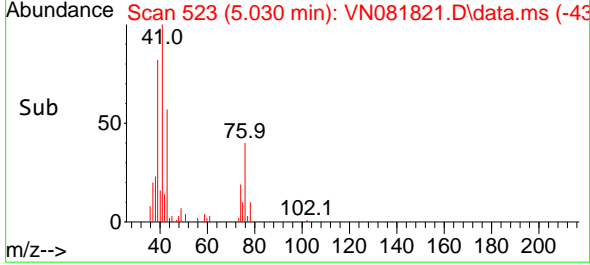
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01



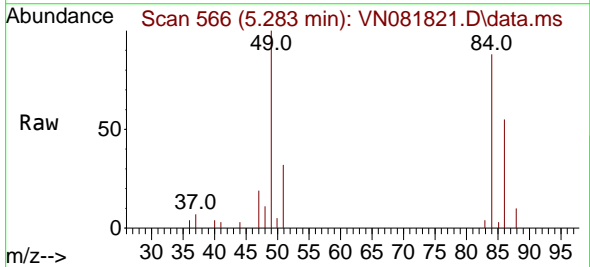
Tgt Ion: 41 Resp: 33560
 Ion Ratio Lower Upper
 41 100
 39 81.1 37.6 112.9
 76 40.2 27.8 83.4

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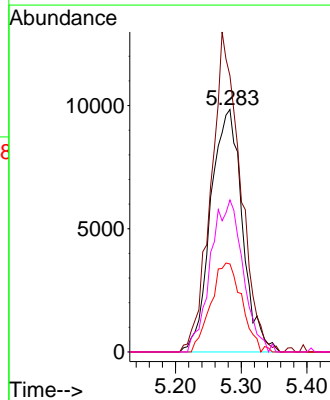
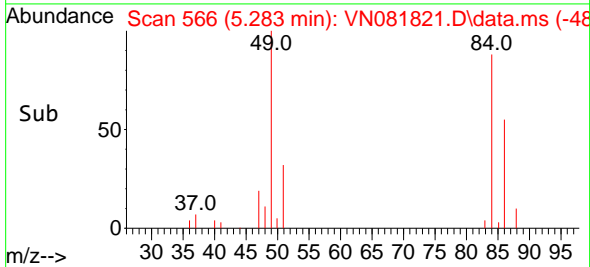
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

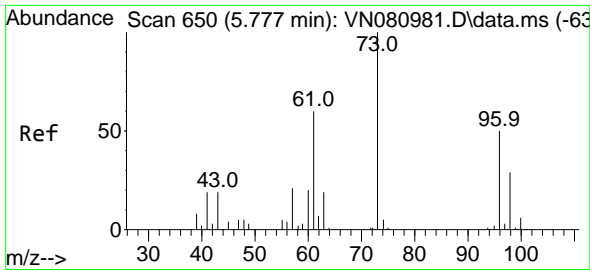


#18
 Methylene Chloride
 Concen: 16.804 ug/l m
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



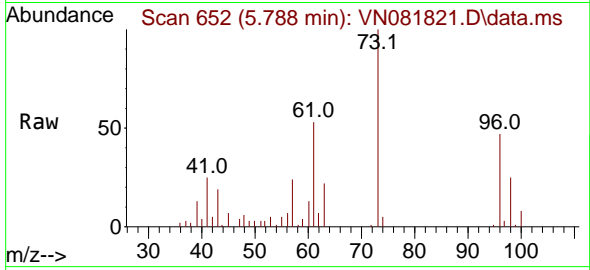
Tgt Ion: 84 Resp: 32920
 Ion Ratio Lower Upper
 84 100
 49 113.9 86.0 129.0
 51 36.3 30.0 45.0
 86 62.7 53.0 79.4





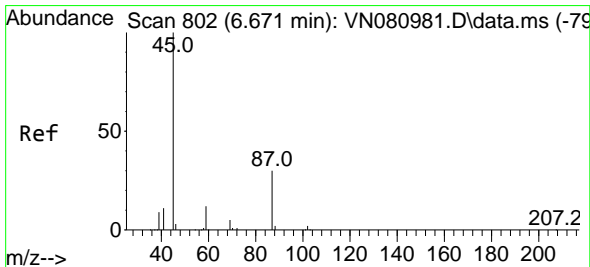
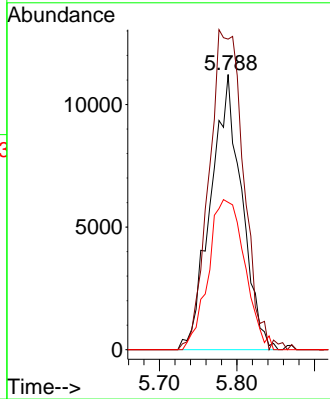
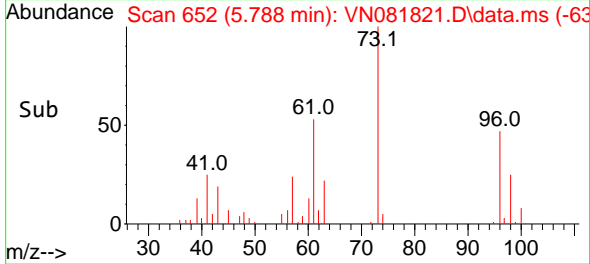
#19
 trans-1,2-Dichloroethene
 Concen: 16.786 ug/l
 RT: 5.788 min Scan# 650
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument : MSVOA_N
 Client Sample Id : VN0422WBS01

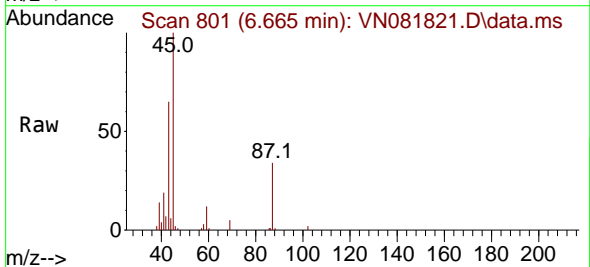


Tgt Ion: 96 Resp: 31318
 Ion Ratio Lower Upper
 96 100
 61 112.9 111.8 167.6
 98 53.5 49.2 73.8

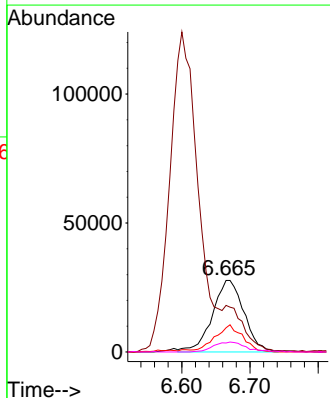
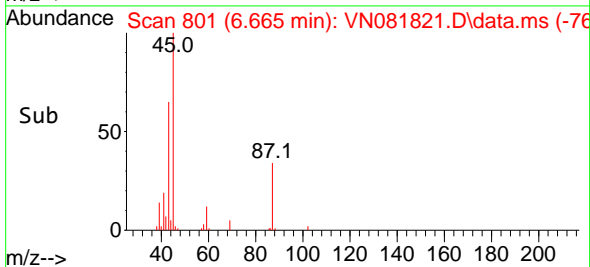
Manual Integrations
APPROVED
 Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

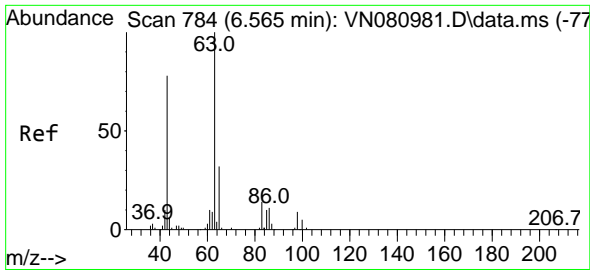


#20
 Diisopropyl ether
 Concen: 18.248 ug/l
 RT: 6.665 min Scan# 801
 Delta R.T. -0.012 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 45 Resp: 89414
 Ion Ratio Lower Upper
 45 100
 43 64.0 40.4 60.6#
 87 34.2 23.8 35.8
 59 12.6 9.8 14.6





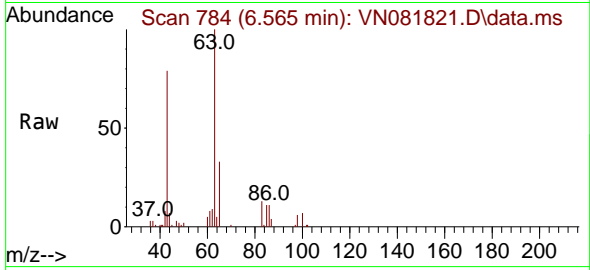
#21
 1,1-Dichloroethane
 Concen: 18.147 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



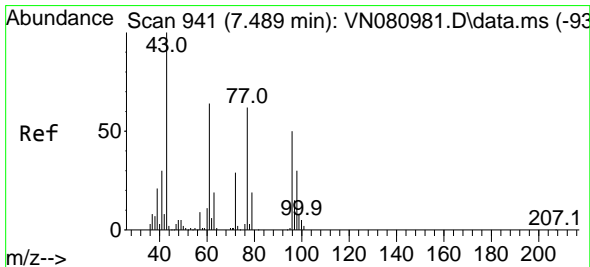
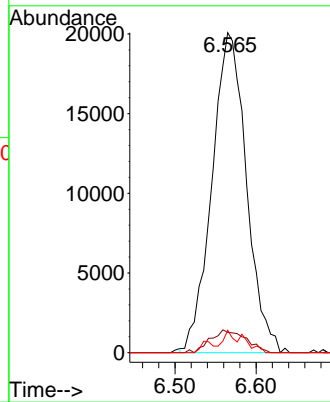
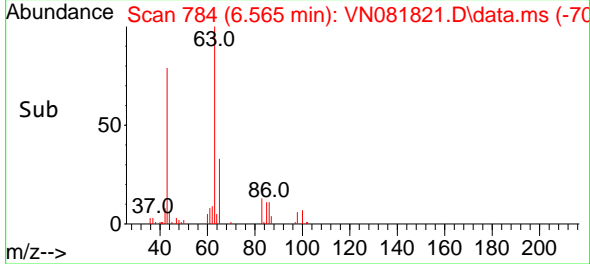
Tgt Ion: 63 Resp: 59284
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.1 12.3
 100 7.0 3.0 9.0

Manual Integrations

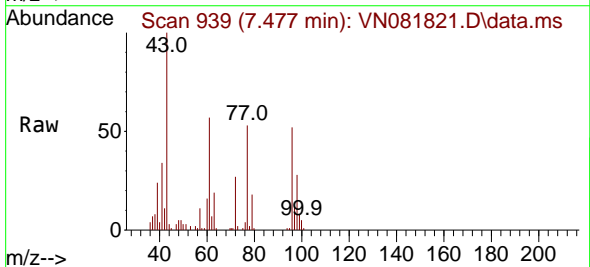
APPROVED

Reviewed By :John Carlone 04/23/2024

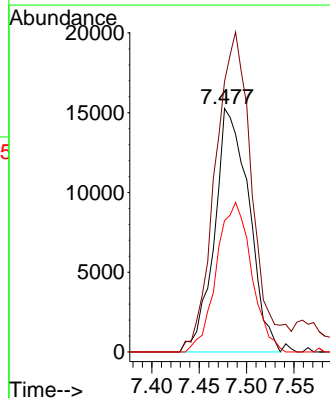
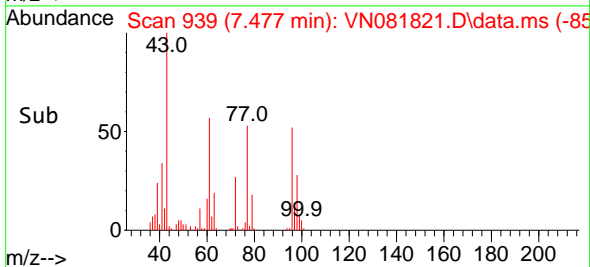
Supervised By :Mahesh Dadoda 04/23/2024

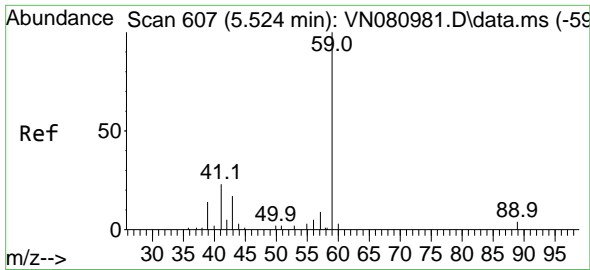


#22
 cis-1,2-Dichloroethene
 Concen: 17.166 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 96 Resp: 38674
 Ion Ratio Lower Upper
 96 100
 61 138.0 113.5 170.3
 98 62.5 52.0 78.0





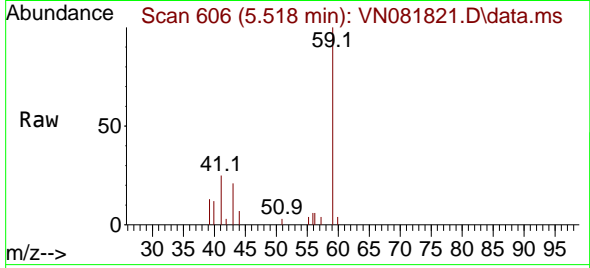
#23
 tert-Butyl Alcohol
 Concen: 71.649 ug/l
 RT: 5.518 min Scan# 606
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



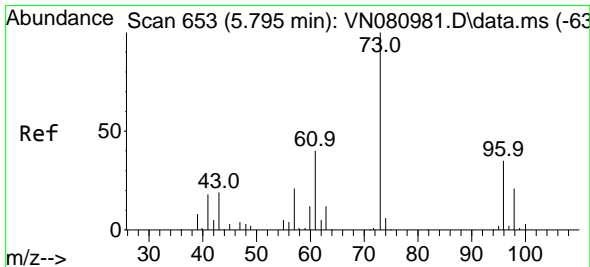
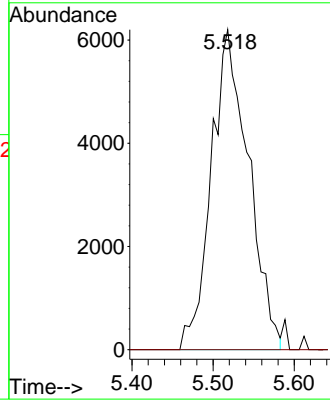
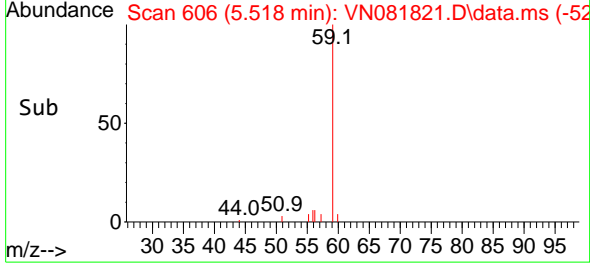
Tgt Ion: 59 Resp: 19779
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

Manual Integrations

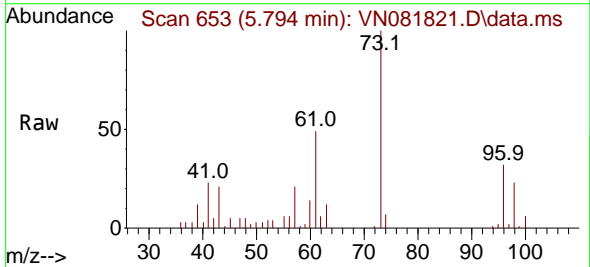
APPROVED

Reviewed By :John Carlone 04/23/2024

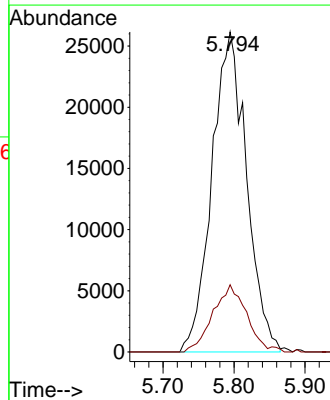
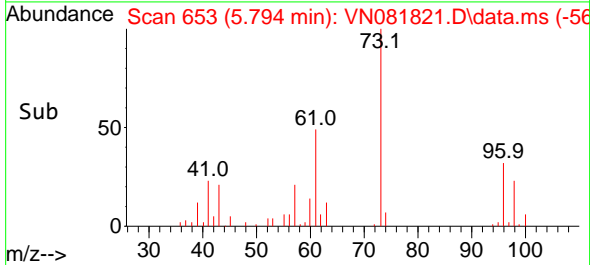
Supervised By :Mahesh Dadoda 04/23/2024

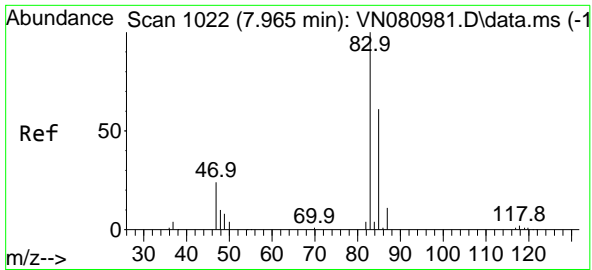


#24
 Methyl tert-Butyl Ether
 Concen: 16.623 ug/l
 RT: 5.794 min Scan# 653
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



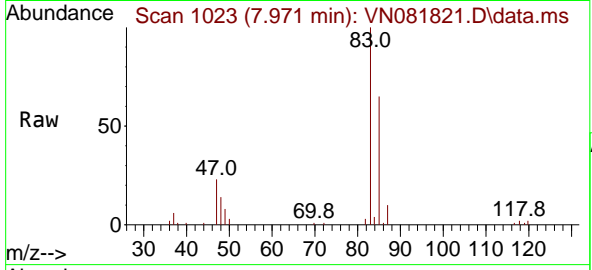
Tgt Ion: 73 Resp: 88453
 Ion Ratio Lower Upper
 73 100
 43 20.2 13.4 20.2





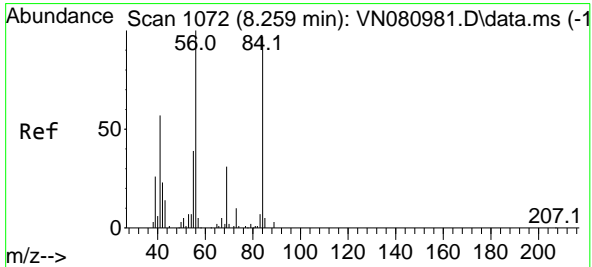
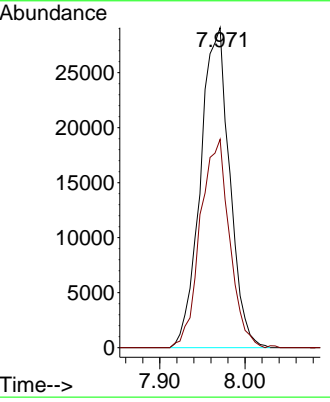
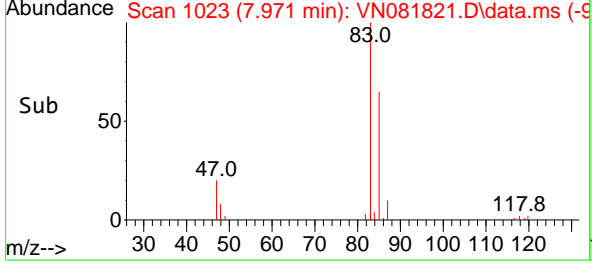
#25
 Chloroform
 Concen: 18.641 ug/l
 RT: 7.971 min Scan# 1023
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument : MSVOA_N
 Client Sample Id : VN0422WBS01

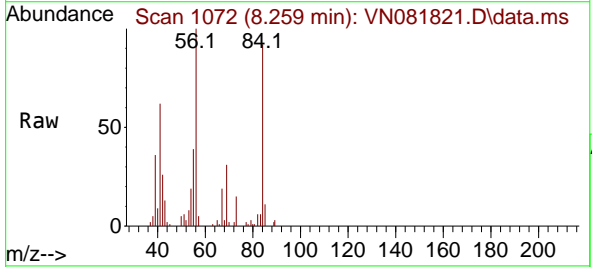


Tgt Ion: 83 Resp: 69289
 Ion Ratio Lower Upper
 83 100
 85 65.1 50.9 76.3

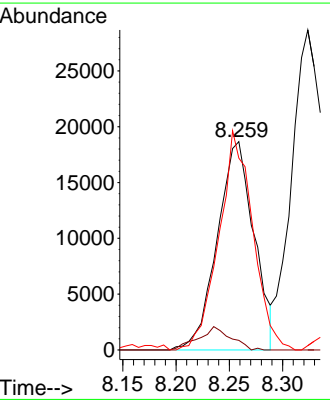
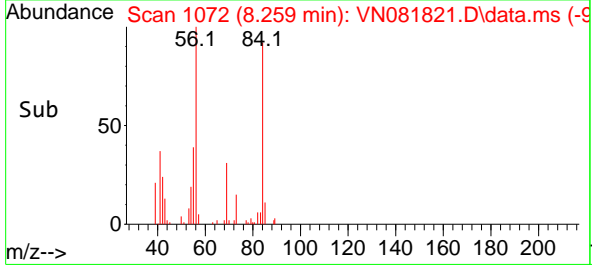
Manual Integrations
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 Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

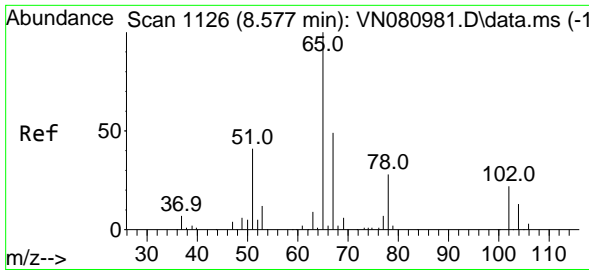


#26
 Cyclohexane
 Concen: 17.094 ug/l
 RT: 8.259 min Scan# 1072
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



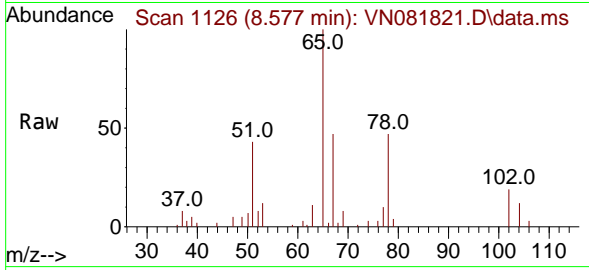
Tgt Ion: 56 Resp: 44769
 Ion Ratio Lower Upper
 56 100
 89 0.1 19.3 28.9#
 84 97.3 71.3 106.9





#27
 1,2-Dichloroethane-d4
 Concen: 28.117 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

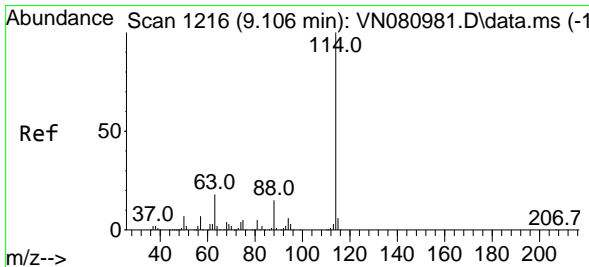
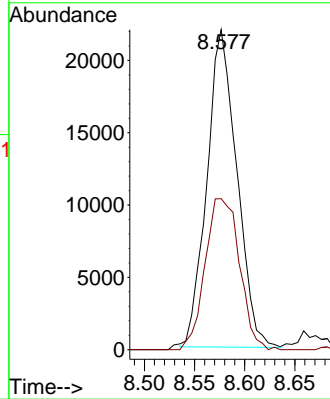
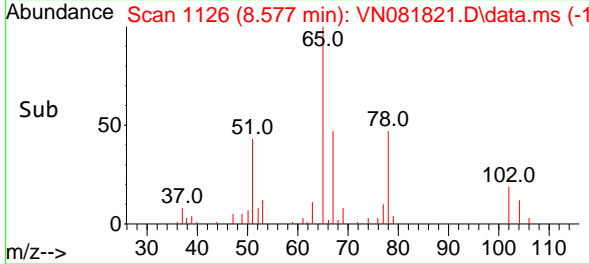
Instrument : MSVOA_N
 ClientSampleId : VN0422WBS01



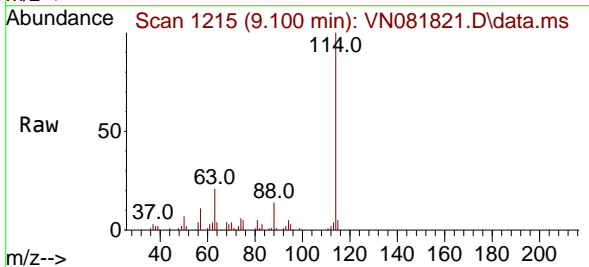
Tgt Ion: 65 Resp: 45630
 Ion Ratio Lower Upper
 65 100
 67 54.4 43.2 64.8

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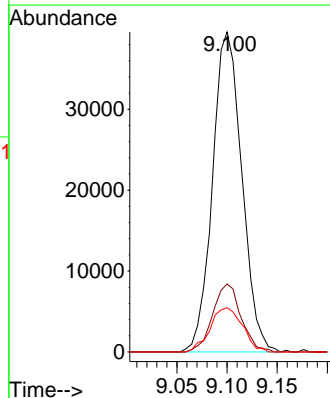
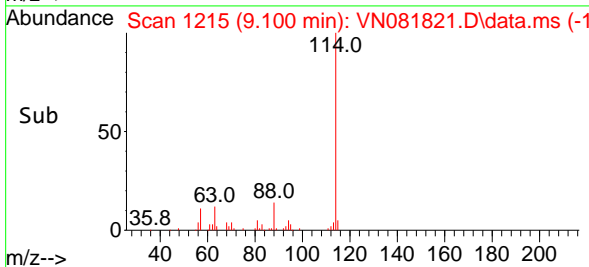
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

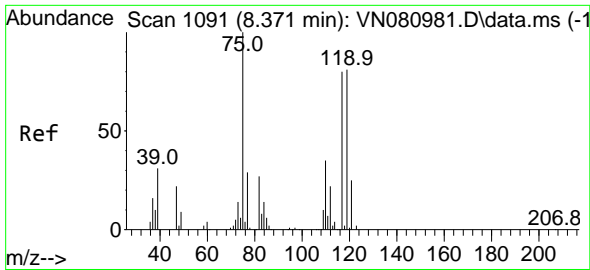


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion:114 Resp: 80447
 Ion Ratio Lower Upper
 114 100
 63 20.5 15.9 23.9
 88 15.2 12.7 19.1





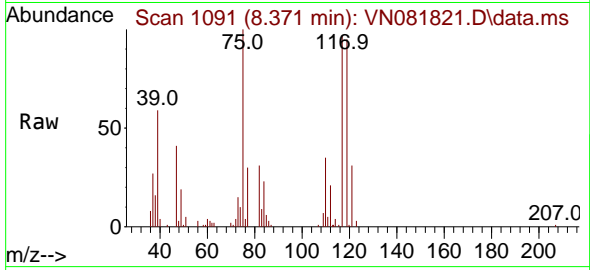
#29
 1,1-Dichloropropene
 Concen: 21.048 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



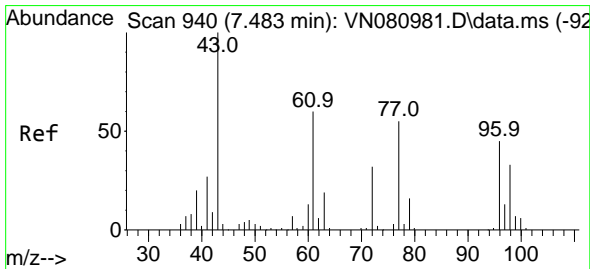
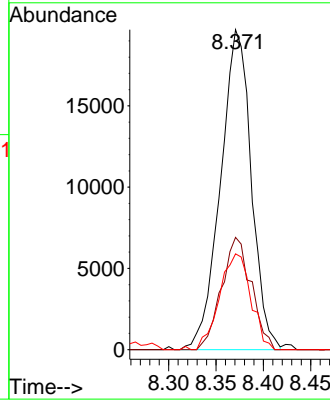
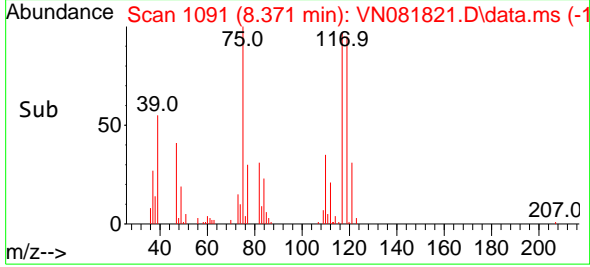
Tgt Ion: 75 Resp: 44510
 Ion Ratio Lower Upper
 75 100
 110 33.8 0.0 70.2
 77 30.4 0.0 61.4

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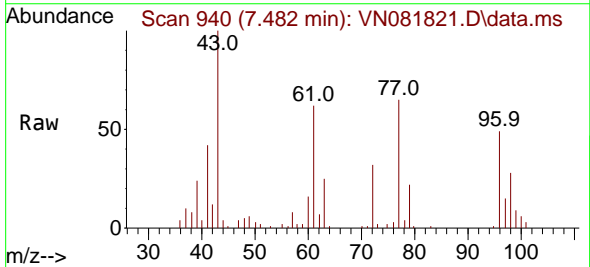
APPROVED

Reviewed By :John Carlone 04/23/2024

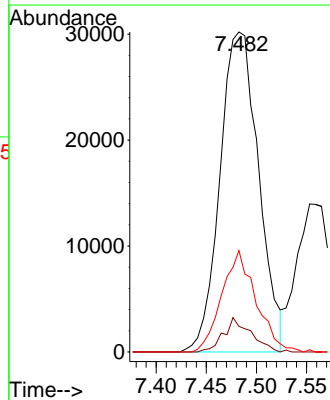
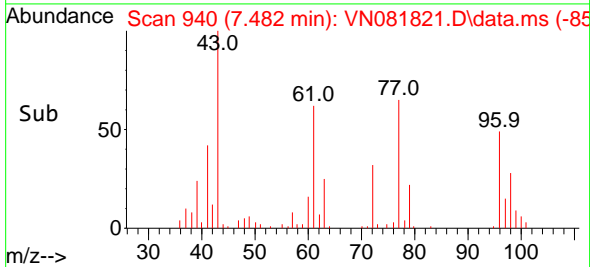
Supervised By :Mahesh Dadoda 04/23/2024

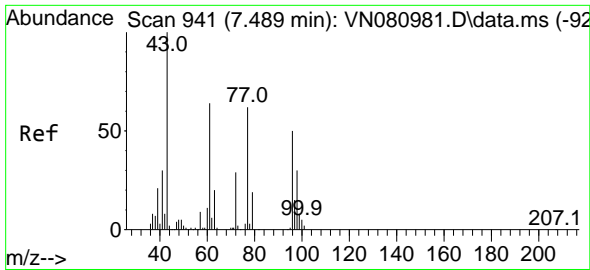


#30
 2-Butanone
 Concen: 100.455 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



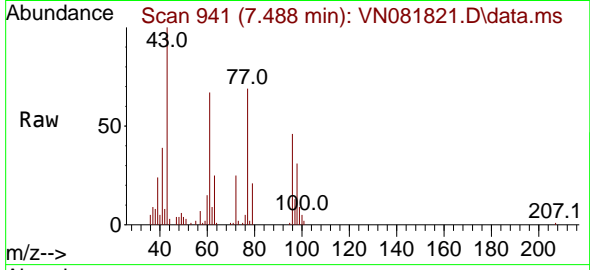
Tgt Ion: 43 Resp: 81140
 Ion Ratio Lower Upper
 43 100
 57 7.5 6.7 10.1
 72 27.9 24.0 36.0





#31
 2,2-Dichloropropane
 Concen: 21.237 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

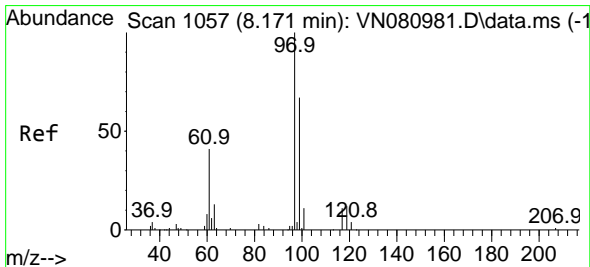
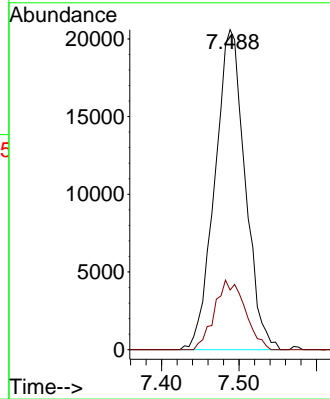
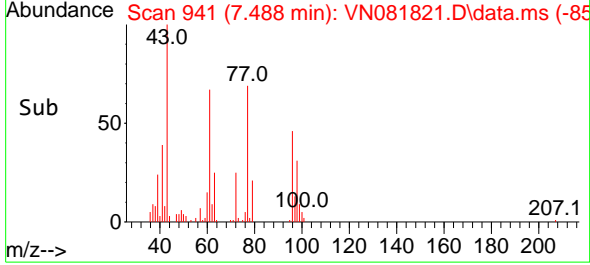
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01



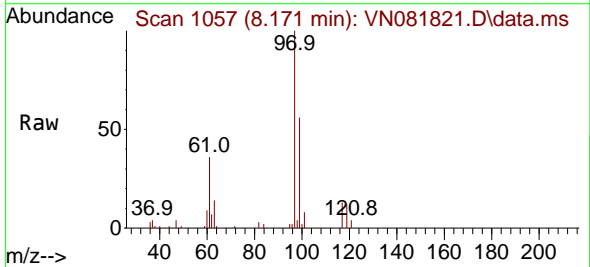
Tgt Ion: 77 Resp: 5594
 Ion Ratio Lower Upper
 77 100
 97 21.9 18.3 27.5

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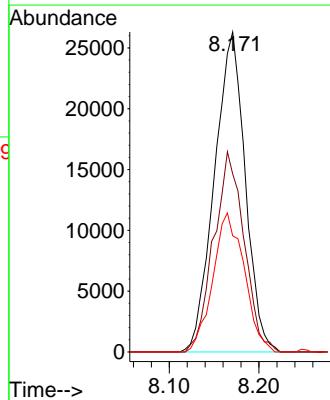
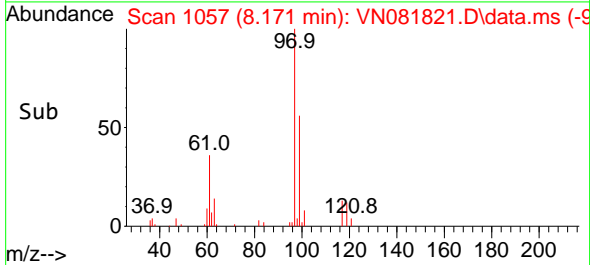
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

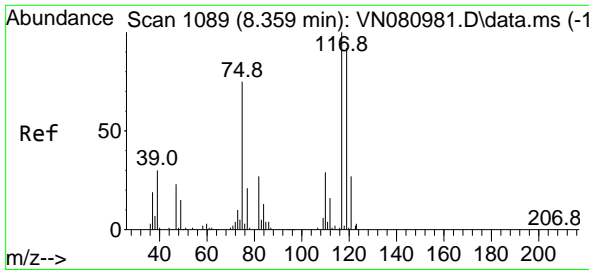


#32
 1,1,1-Trichloroethane
 Concen: 21.492 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



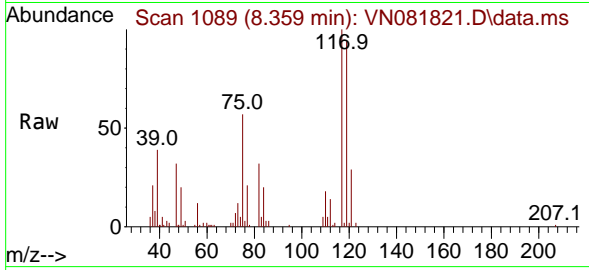
Tgt Ion: 97 Resp: 62647
 Ion Ratio Lower Upper
 97 100
 99 61.9 51.0 76.4
 61 44.3 33.8 50.8





#33
 Carbon Tetrachloride
 Concen: 20.740 ug/l
 RT: 8.359 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

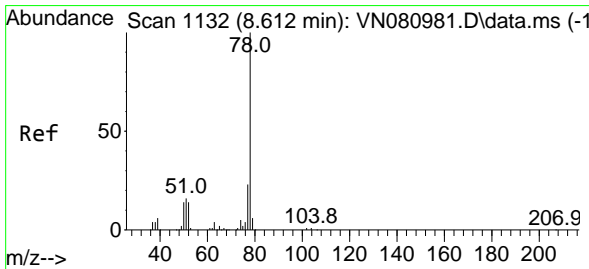
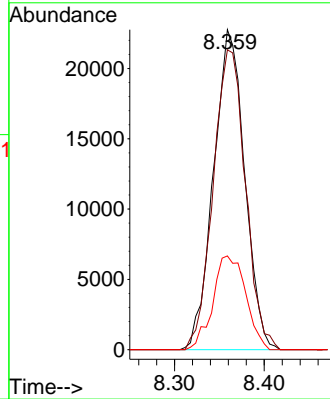
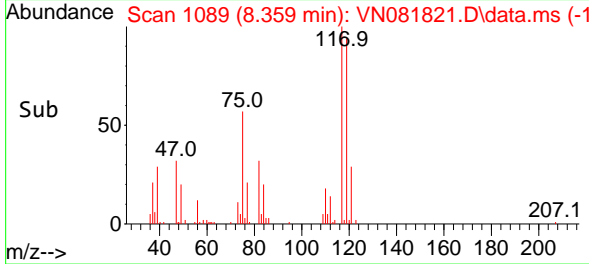
Instrument : MSVOA_N
 Client Sample Id : VN0422WBS01



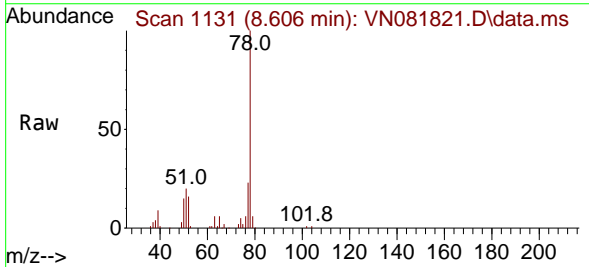
Tgt Ion: 117 Resp: 54798
 Ion Ratio Lower Upper
 117 100
 119 93.7 77.7 116.5
 121 29.3 27.0 40.6

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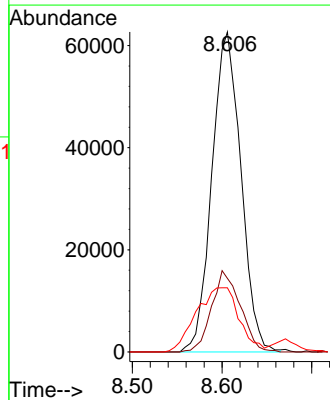
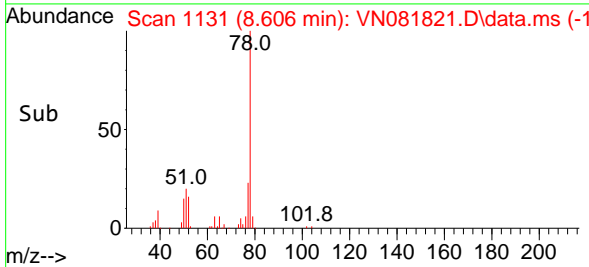
Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

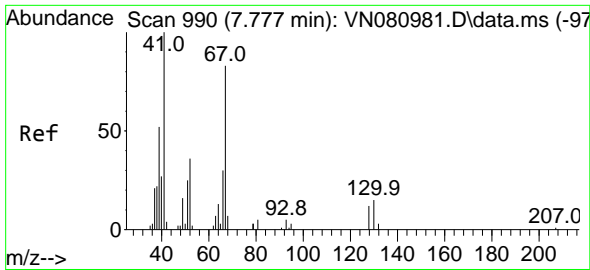


#34
 Benzene
 Concen: 20.659 ug/l
 RT: 8.606 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 78 Resp: 140749
 Ion Ratio Lower Upper
 78 100
 77 23.0 19.2 28.8
 51 17.0 13.3 19.9





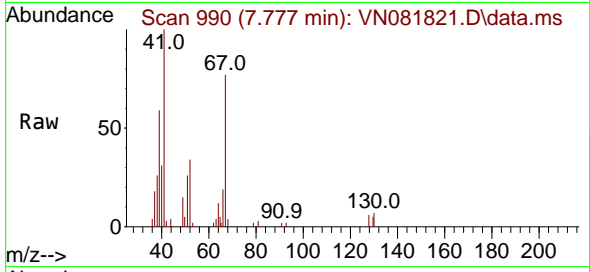
#35
 Methacrylonitrile
 Concen: 21.248 ug/l
 RT: 7.777 min Scan# 990
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



Tgt Ion: 41 Resp: 19440

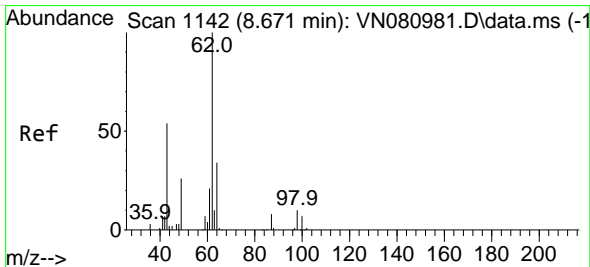
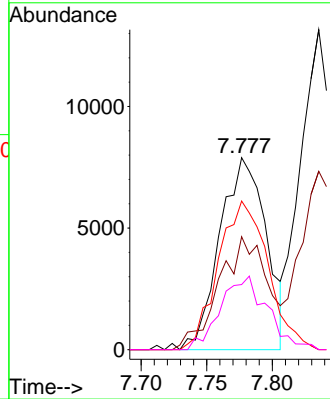
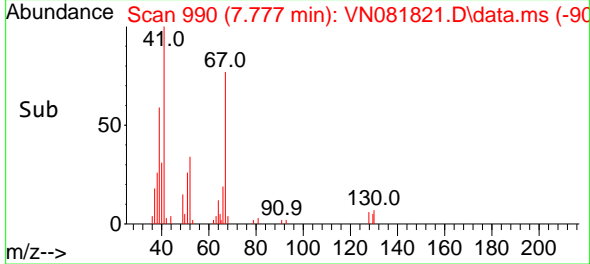
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41 | 100 | | |
| 39 | 56.4 | 25.3 | 75.9 |
| 67 | 77.4 | 38.7 | 116.1 |
| 52 | 34.0 | 13.6 | 40.8 |

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

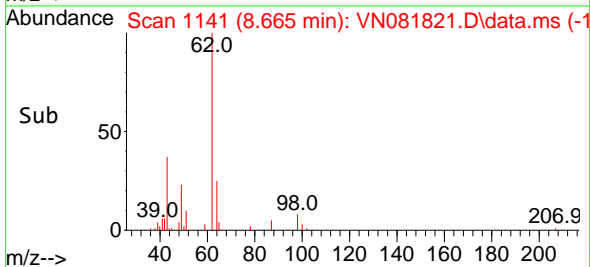
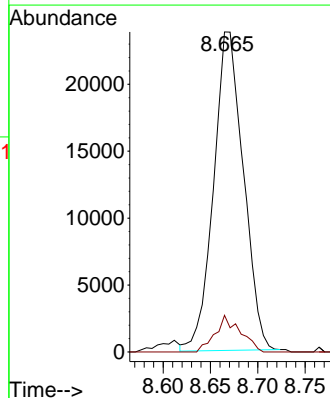
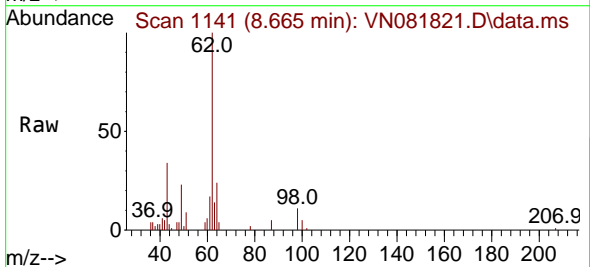
Supervised By :Mahesh Dadoda 04/23/2024

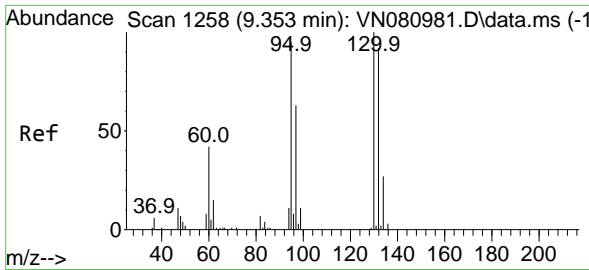


#36
 1,2-Dichloroethane
 Concen: 23.313 ug/l
 RT: 8.665 min Scan# 1141
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Tgt Ion: 62 Resp: 52098

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62 | 100 | | |
| 98 | 9.6 | 8.2 | 12.4 |





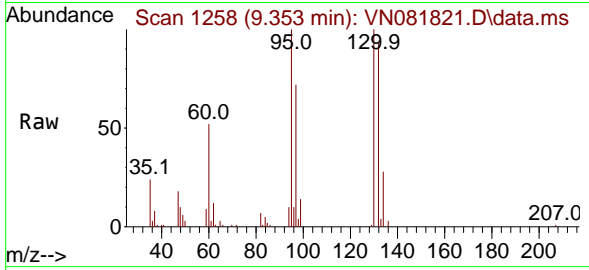
#37
 Trichloroethene
 Concen: 18.941 ug/l
 RT: 9.353 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



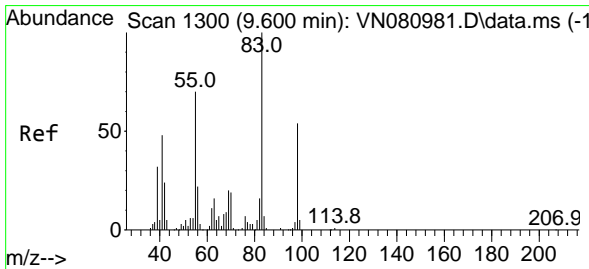
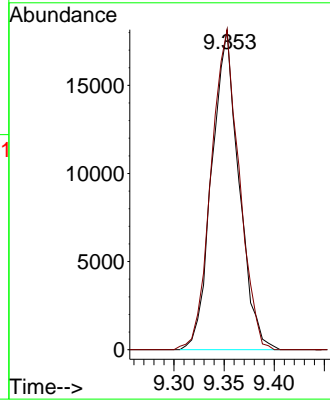
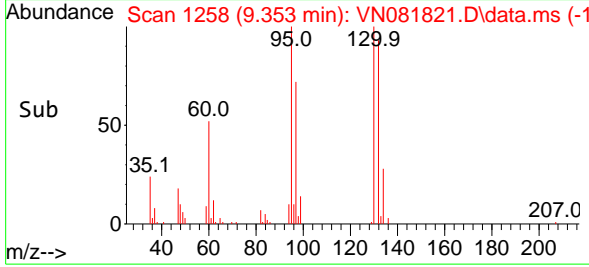
Tgt Ion: 130 Resp: 34149
 Ion Ratio Lower Upper
 130 100
 95 100.3 80.2 120.4

Manual Integrations

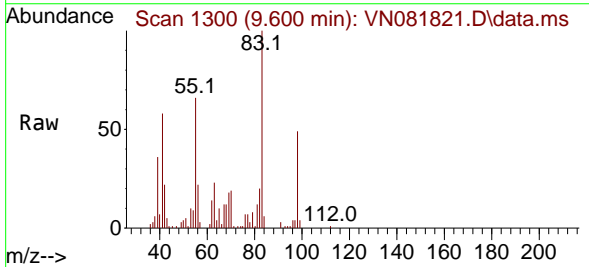
APPROVED

Reviewed By : John Carlone 04/23/2024

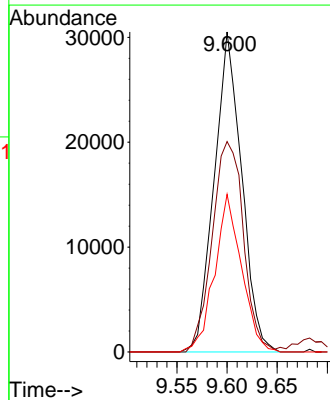
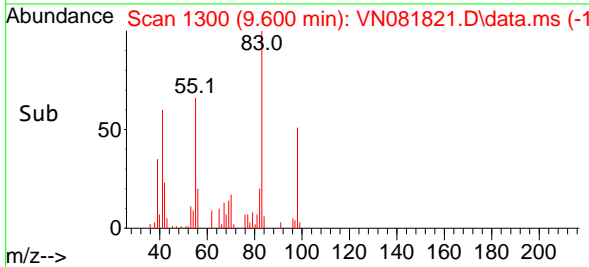
Supervised By : Mahesh Dadoda 04/23/2024

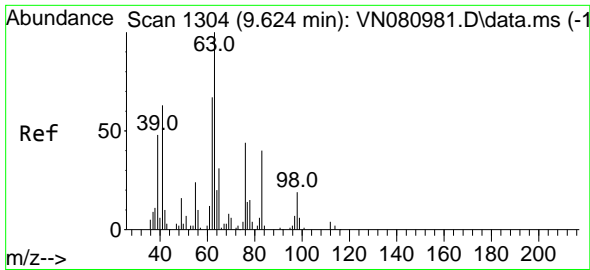


#38
 Methylcyclohexane
 Concen: 22.511 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 83 Resp: 58192
 Ion Ratio Lower Upper
 83 100
 55 74.7 36.6 109.9
 98 48.4 23.8 71.5





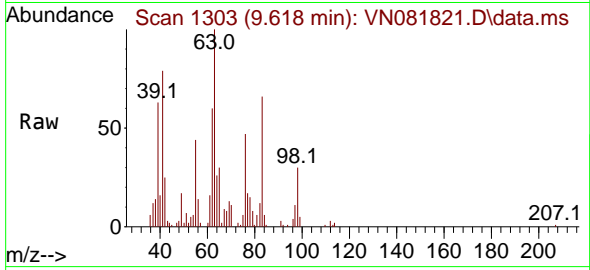
#39
 1,2-Dichloropropane
 Concen: 26.485 ug/l
 RT: 9.618 min Scan# 1111
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



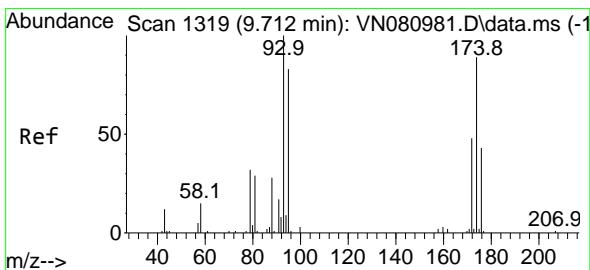
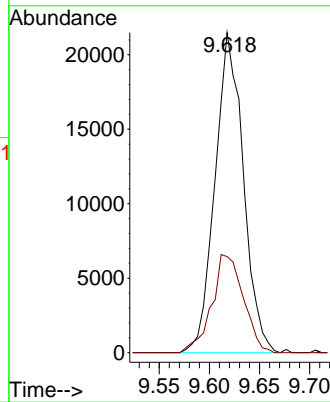
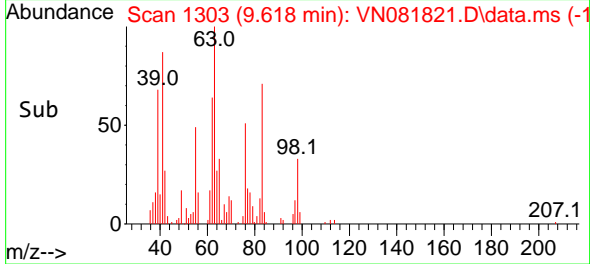
Tgt Ion: 63 Resp: 42090
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.0 37.4

Manual Integrations

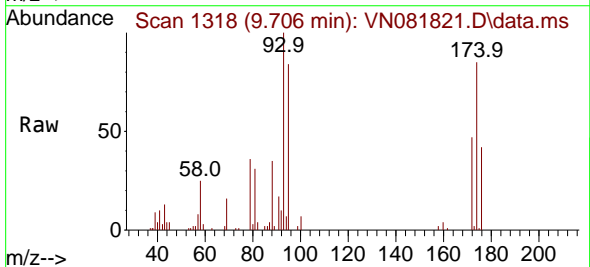
APPROVED

Reviewed By :John Carlone 04/23/2024

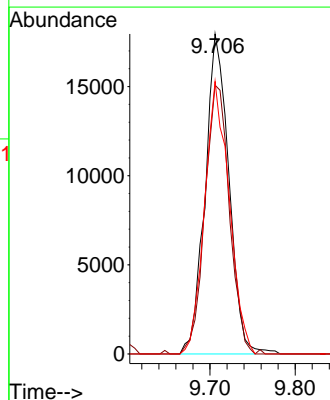
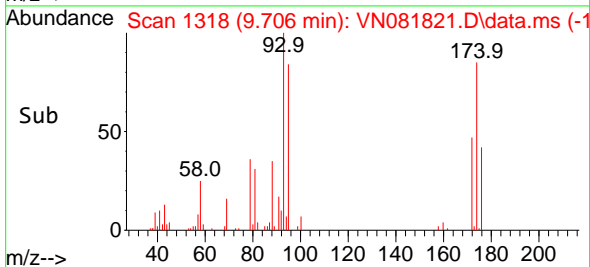
Supervised By :Mahesh Dadoda 04/23/2024

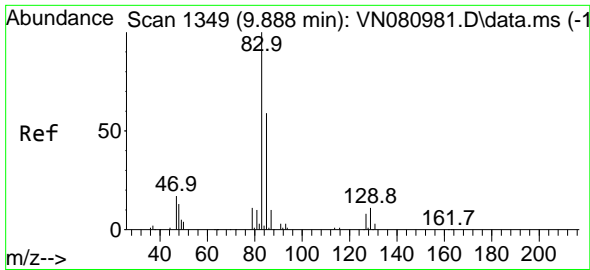


#40
 Dibromomethane
 Concen: 27.527 ug/l
 RT: 9.706 min Scan# 1318
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



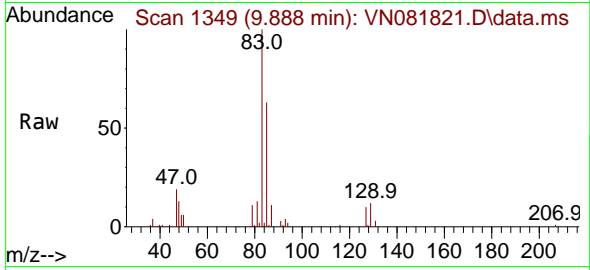
Tgt Ion: 93 Resp: 34852
 Ion Ratio Lower Upper
 93 100
 95 86.4 0.0 164.6
 174 87.9 0.0 193.2





#41
 Bromodichloromethane
 Concen: 28.278 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

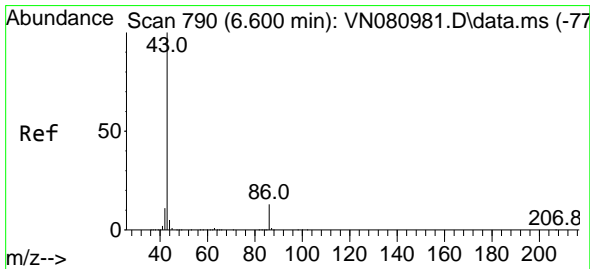
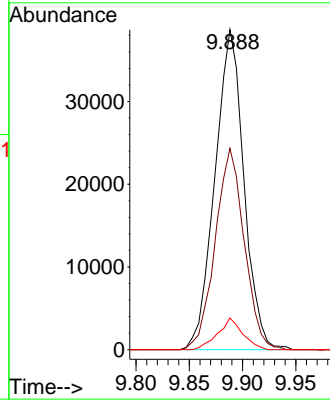
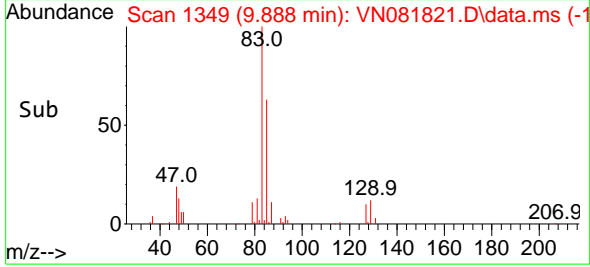
Instrument : MSVOA_N
 Client Sample Id : VN0422WBS01



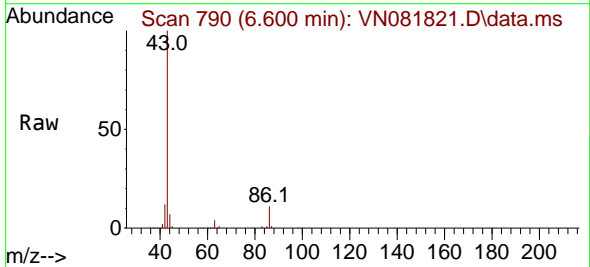
Tgt Ion: 83 Resp: 73010
 Ion Ratio Lower Upper
 83 100
 85 62.9 49.4 74.2
 127 9.9 7.3 10.9

Manual Integrations
APPROVED

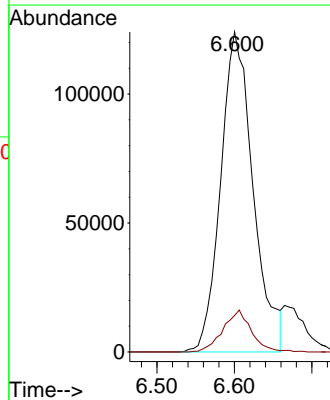
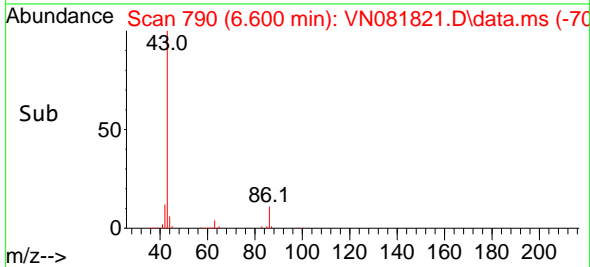
Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

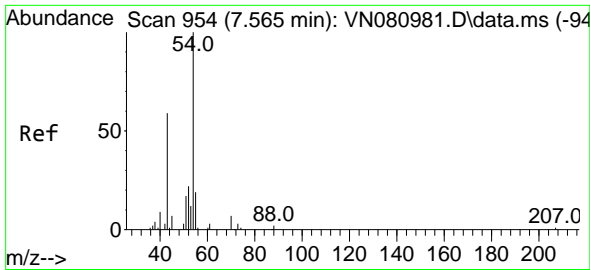


#42
 Vinyl Acetate
 Concen: 107.345 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



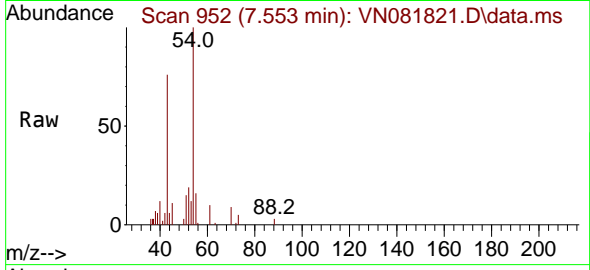
Tgt Ion: 43 Resp: 361196
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.2





#43
 Ethyl Acetate
 Concen: 21.133 ug/l
 RT: 7.553 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

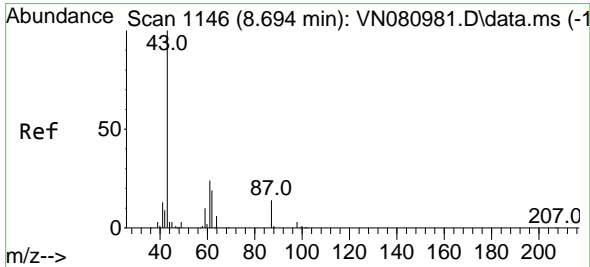
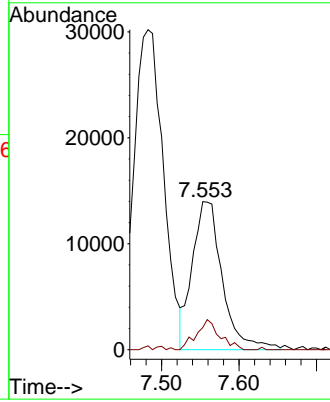
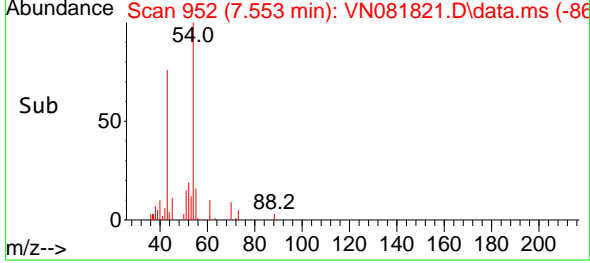
Instrument : MSVOA_N
 Client Sample Id : VN0422WBS01



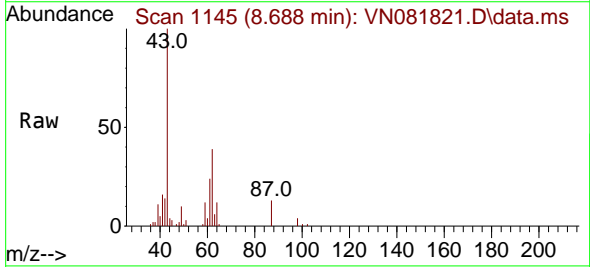
Tgt Ion: 43 Resp: 37620
 Ion Ratio Lower Upper
 43 100
 45 14.7 10.6 15.8

Manual Integrations
APPROVED

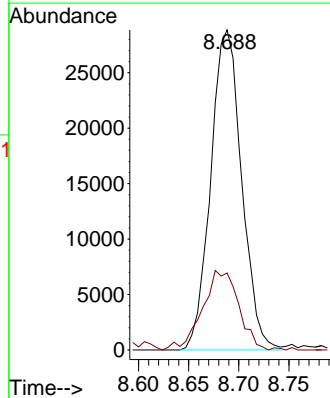
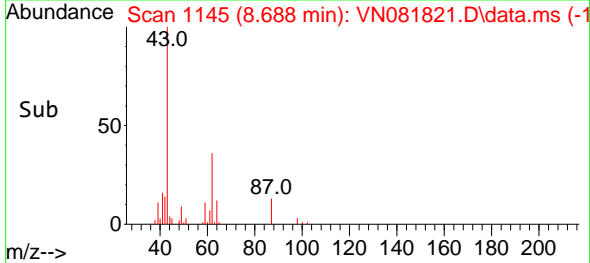
Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

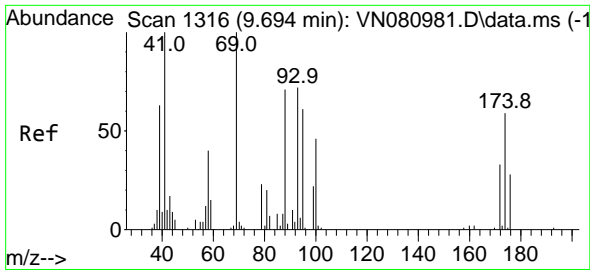


#44
 Isopropyl Acetate
 Concen: 20.727 ug/l
 RT: 8.688 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



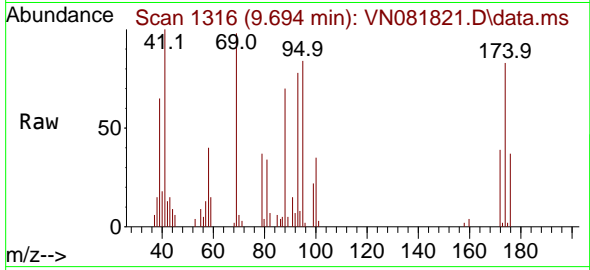
Tgt Ion: 43 Resp: 61823
 Ion Ratio Lower Upper
 43 100
 61 28.2 25.0 37.4





#45
 1,4-Dioxane
 Concen: 450.737 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

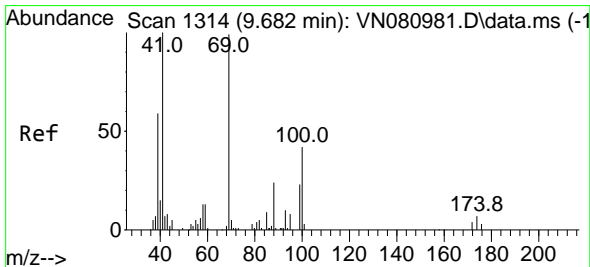
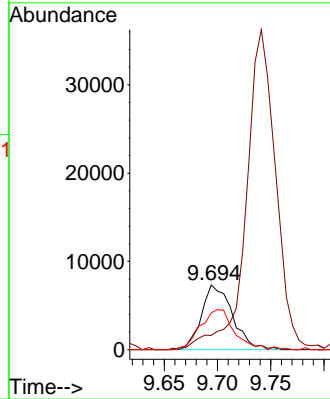
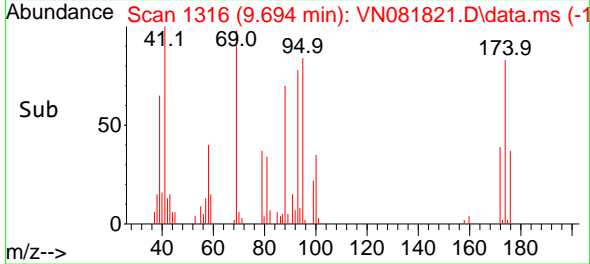
Instrument : MSVOA_N
 ClientSampleId : VN0422WBS01



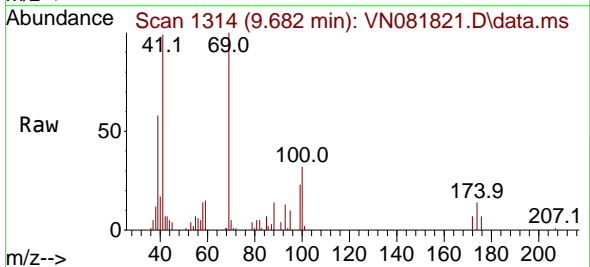
Tgt Ion: 88 Resp: 1484
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.8 29.6
 58 66.7 55.4 83.0

Manual Integrations
APPROVED

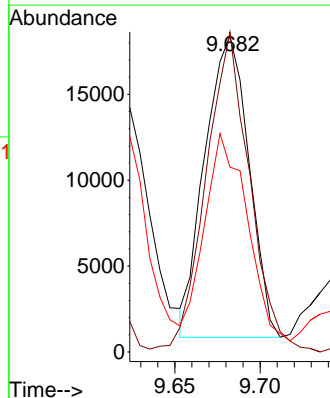
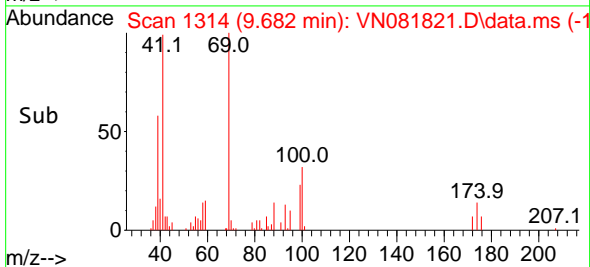
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

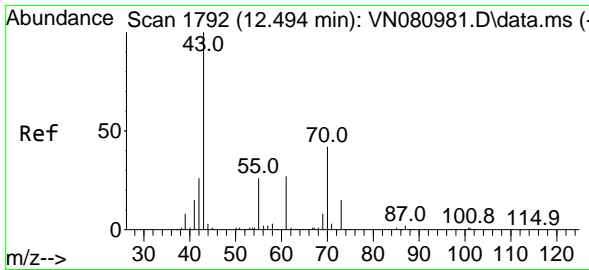


#46
 Methyl methacrylate
 Concen: 23.437 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 41 Resp: 31436
 Ion Ratio Lower Upper
 41 100
 69 99.5 51.1 153.3
 39 55.3 25.8 77.3





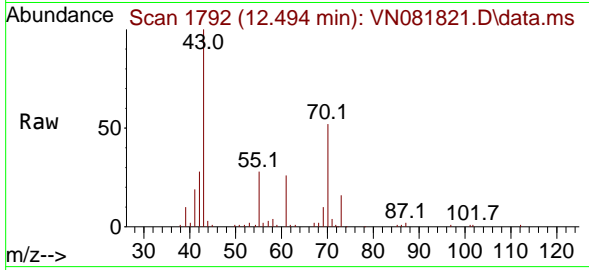
#47
 n-amy1 Acetate
 Concen: 25.302 ug/l
 RT: 12.494 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



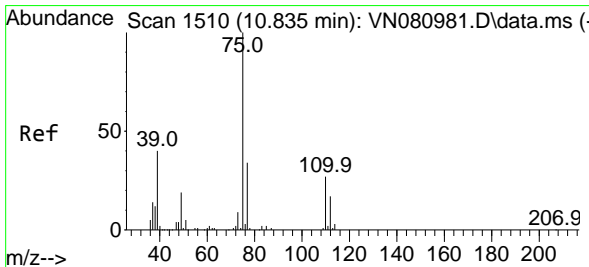
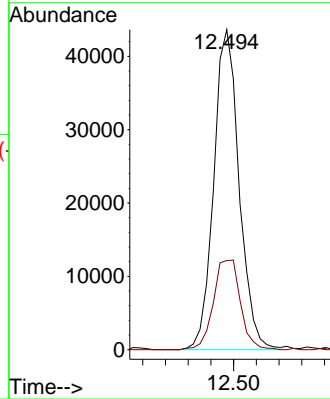
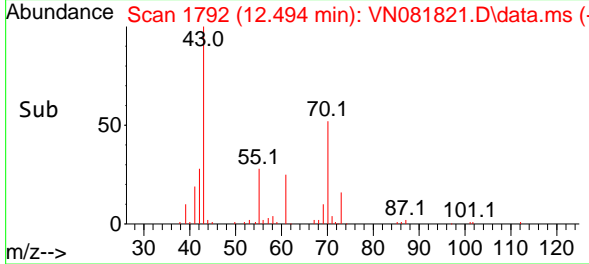
Tgt Ion: 43 Resp: 67719
 Ion Ratio Lower Upper
 43 100
 55 29.8 23.4 35.2

Manual Integrations

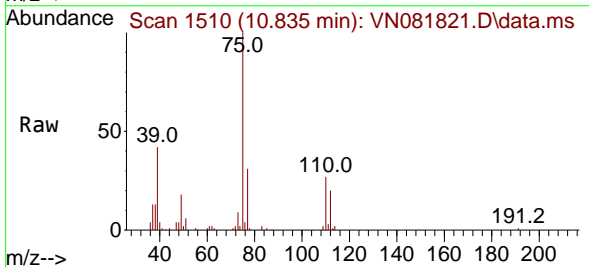
APPROVED

Reviewed By :John Carlone 04/23/2024

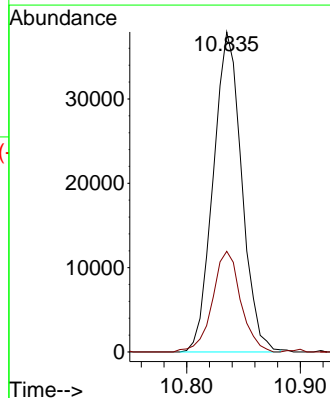
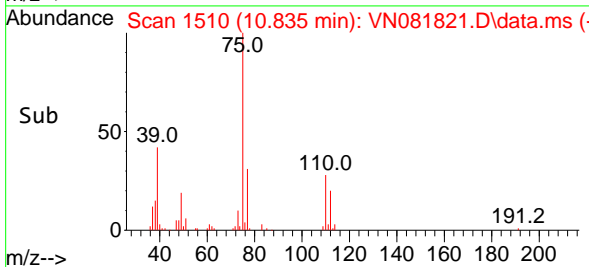
Supervised By :Mahesh Dadoda 04/23/2024

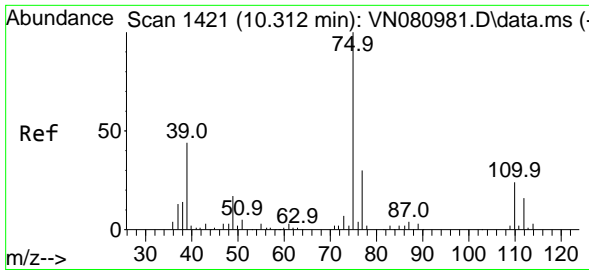


#48
 t-1,3-Dichloropropene
 Concen: 26.866 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 75 Resp: 66084
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.8 35.6





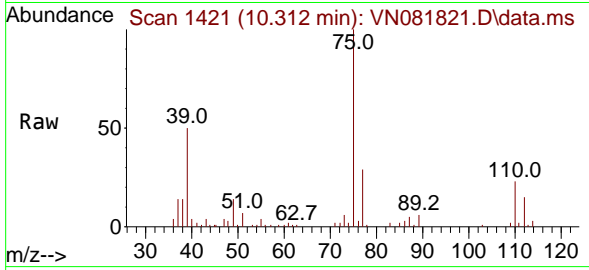
#49
 cis-1,3-Dichloropropene
 Concen: 27.528 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



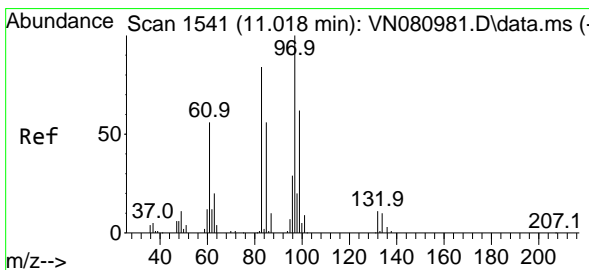
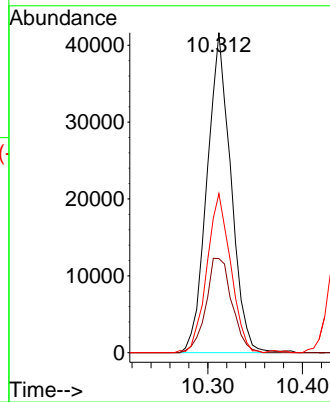
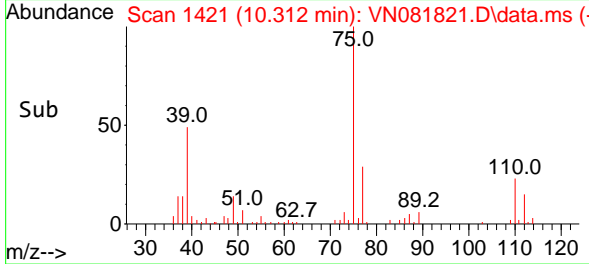
Tgt Ion: 75 Resp: 7292
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.9 37.3
 39 49.3 31.0 46.6

Manual Integrations

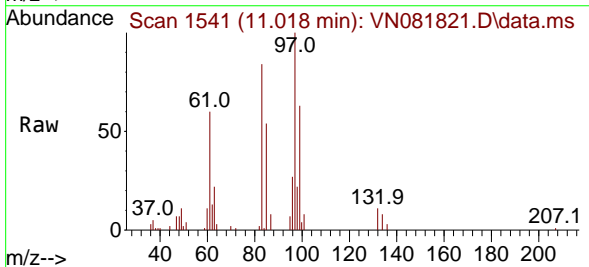
APPROVED

Reviewed By :John Carlone 04/23/2024

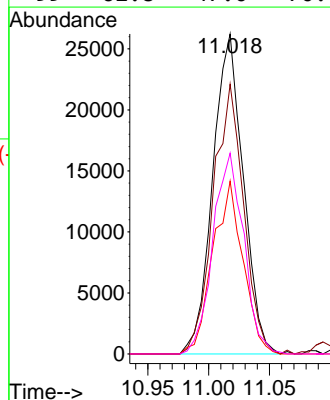
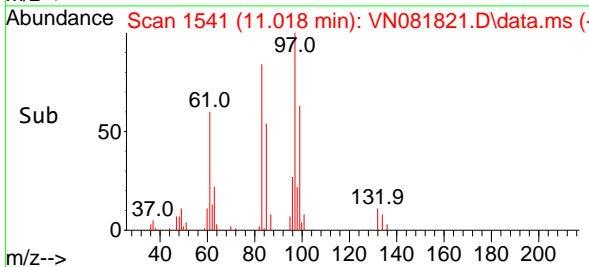
Supervised By :Mahesh Dadoda 04/23/2024

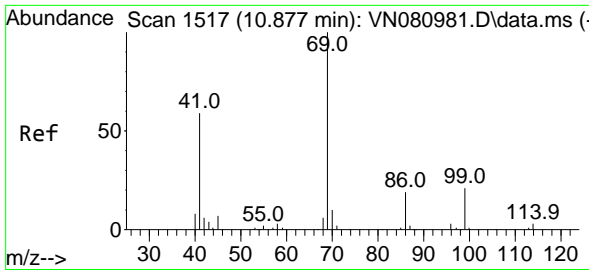


#50
 1,1,2-Trichloroethane
 Concen: 26.984 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 97 Resp: 45746
 Ion Ratio Lower Upper
 97 100
 83 84.3 68.1 102.1
 85 54.0 41.8 62.6
 99 62.8 47.0 70.4





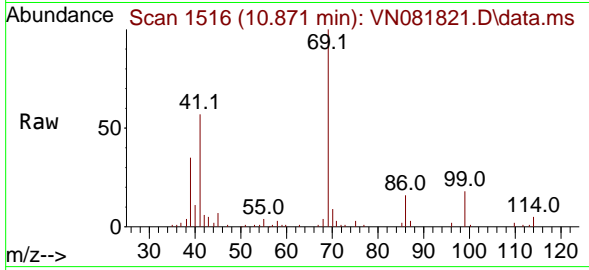
#51
 Ethyl methacrylate
 Concen: 25.320 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



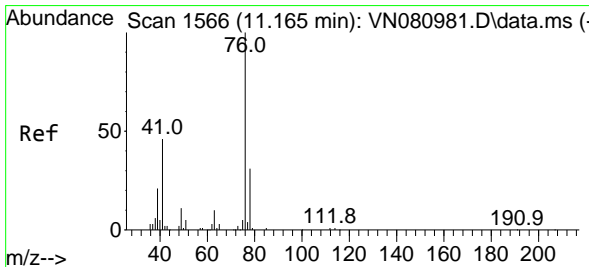
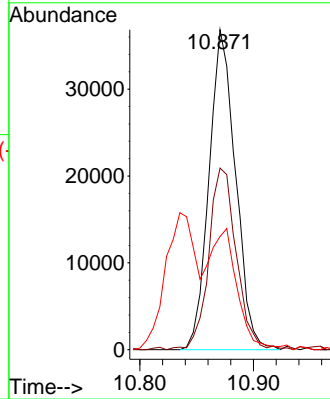
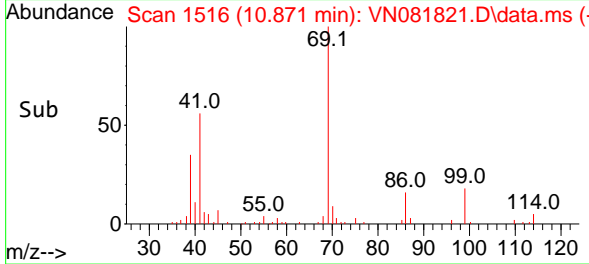
Tgt Ion: 69 Resp: 59770
 Ion Ratio Lower Upper
 69 100
 41 56.3 25.5 76.5
 39 34.3 16.0 47.9

Manual Integrations

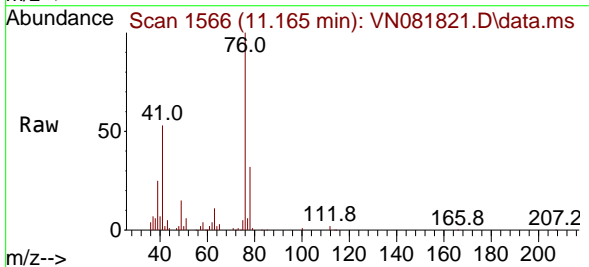
APPROVED

Reviewed By :John Carlone 04/23/2024

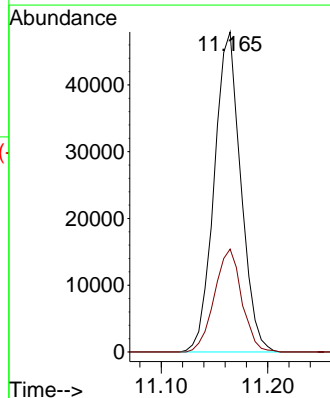
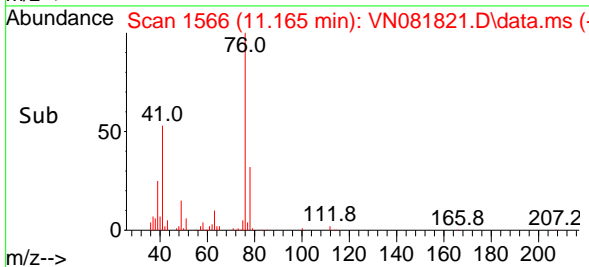
Supervised By :Mahesh Dadoda 04/23/2024

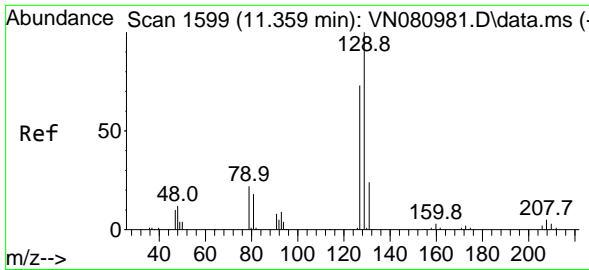


#52
 1,3-Dichloropropane
 Concen: 29.849 ug/l
 RT: 11.165 min Scan# 1566
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 76 Resp: 82945
 Ion Ratio Lower Upper
 76 100
 78 33.0 0.0 65.8





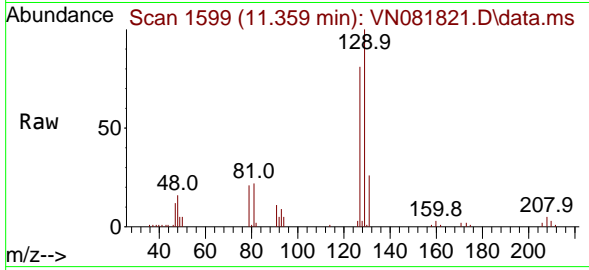
#53
 Dibromochloromethane
 Concen: 26.588 ug/l
 RT: 11.359 min Scan# 1599
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



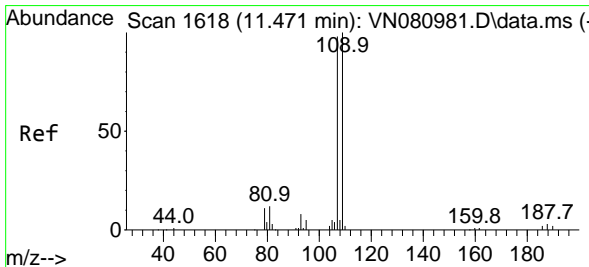
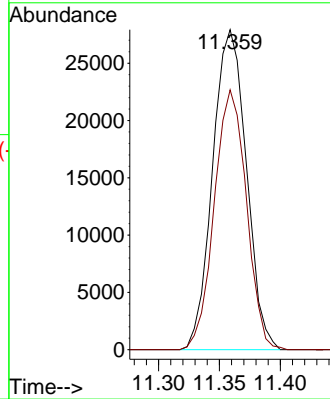
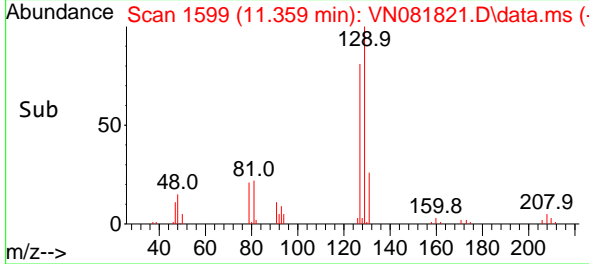
Tgt Ion:129 Resp: 5384
 Ion Ratio Lower Upper
 129 100
 127 77.3 39.4 118.1

Manual Integrations

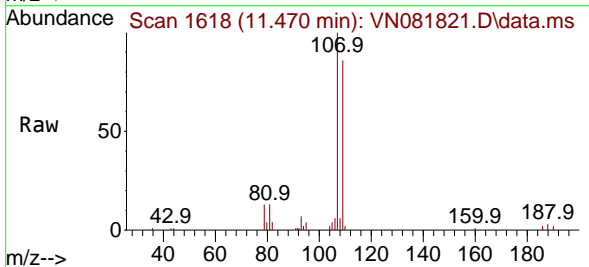
APPROVED

Reviewed By :John Carlone 04/23/2024

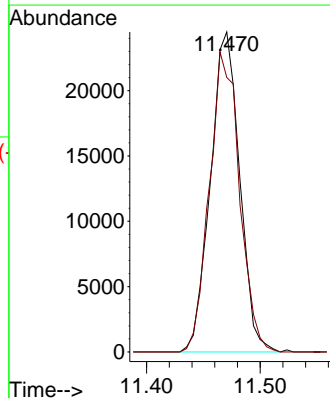
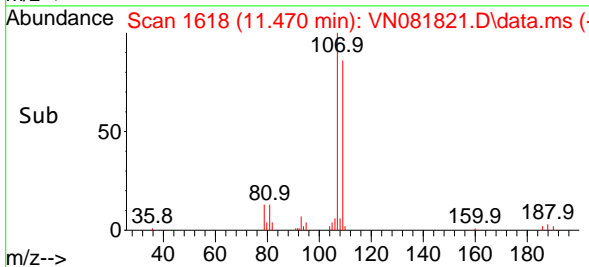
Supervised By :Mahesh Dadoda 04/23/2024

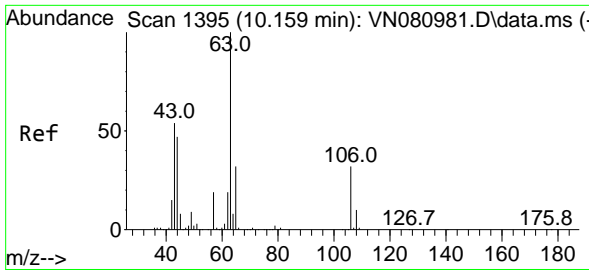


#54
 1,2-Dibromoethane
 Concen: 24.963 ug/l
 RT: 11.470 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



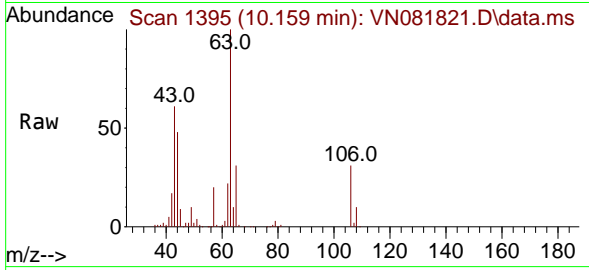
Tgt Ion:107 Resp: 43745
 Ion Ratio Lower Upper
 107 100
 109 96.4 74.7 112.1





#55
 2-Chloroethyl vinyl ether
 Concen: 173.184 ug/l
 RT: 10.159 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

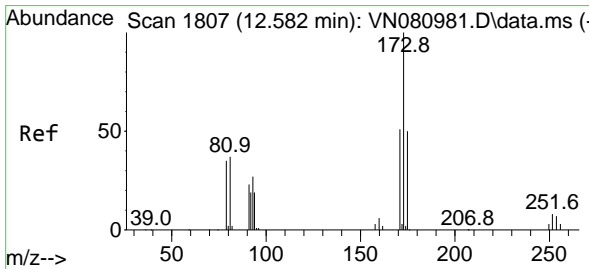
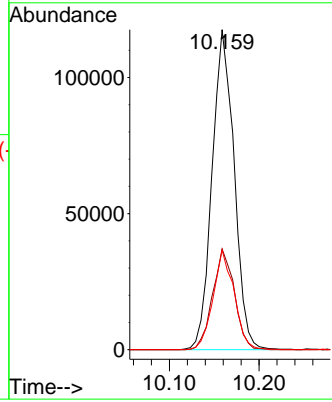
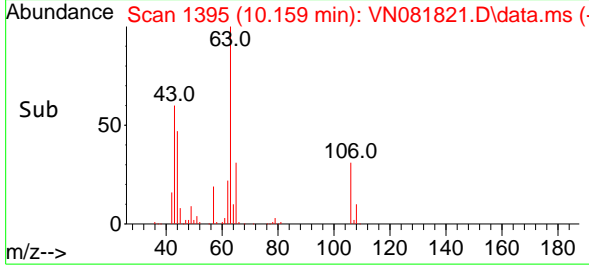
Instrument : MSVOA_N
 ClientSampleId : VN0422WBS01



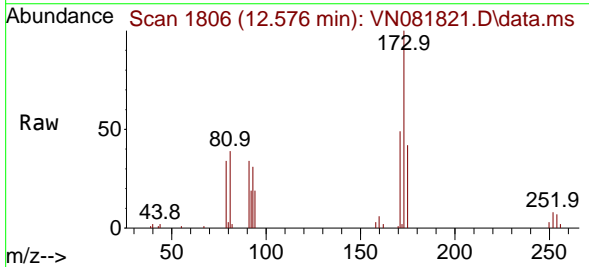
Tgt Ion: 63 Resp: 20075
 Ion Ratio Lower Upper
 63 100
 65 31.1 26.2 39.2
 106 29.7 23.8 35.8

Manual Integrations
APPROVED

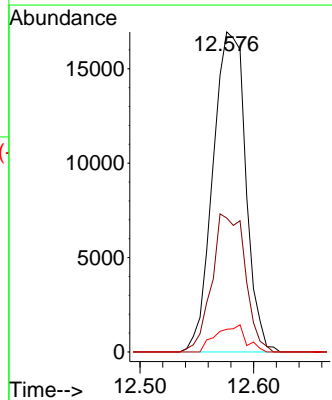
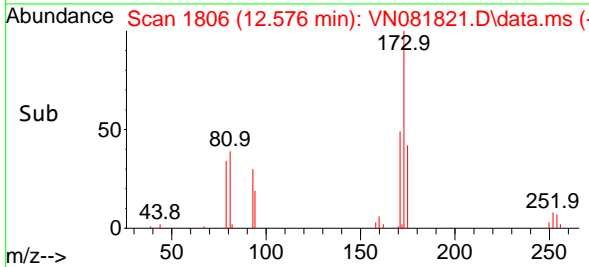
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

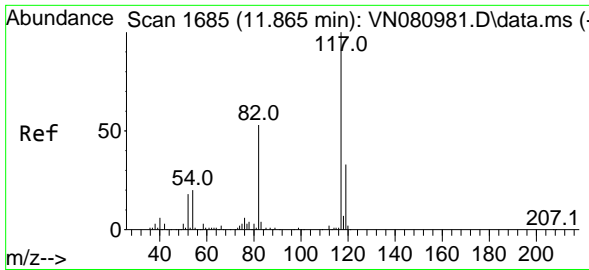


#56
 Bromoform
 Concen: 26.238 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion:173 Resp: 33977
 Ion Ratio Lower Upper
 173 100
 175 30.2 40.0 60.0#
 254 7.0 8.3 12.5#





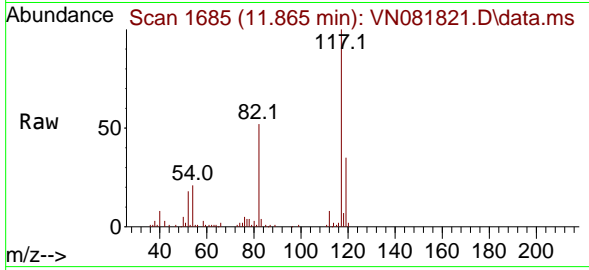
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



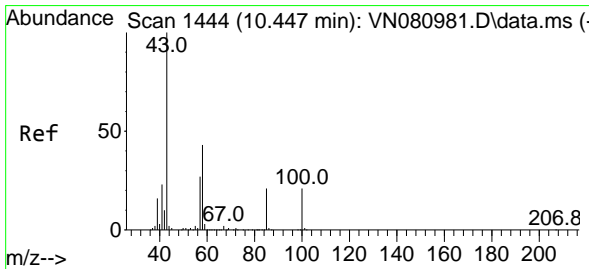
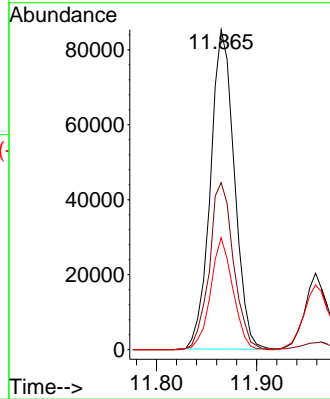
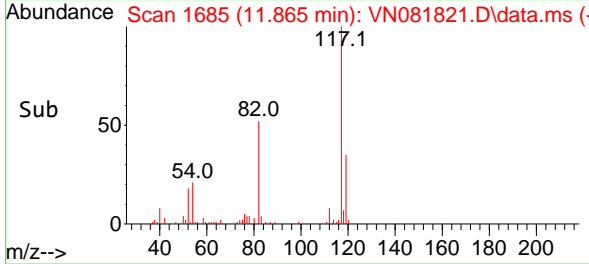
Tgt Ion:117 Resp: 141319
 Ion Ratio Lower Upper
 117 100
 82 53.0 46.6 69.8
 119 32.7 25.4 38.2

Manual Integrations

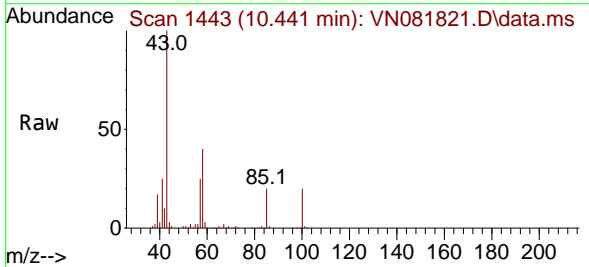
APPROVED

Reviewed By :John Carlone 04/23/2024

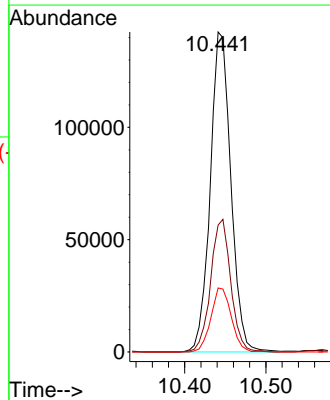
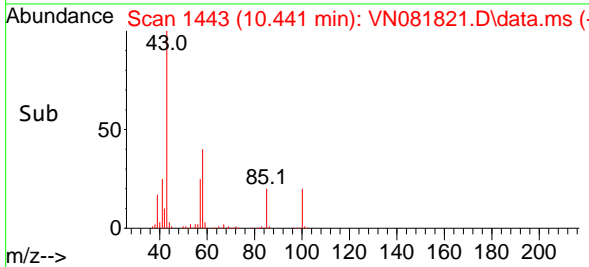
Supervised By :Mahesh Dadoda 04/23/2024

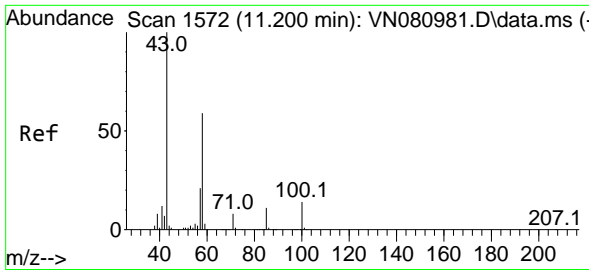


#58
 4-Methyl-2-Pentanone
 Concen: 103.533 ug/l
 RT: 10.441 min Scan# 1443
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



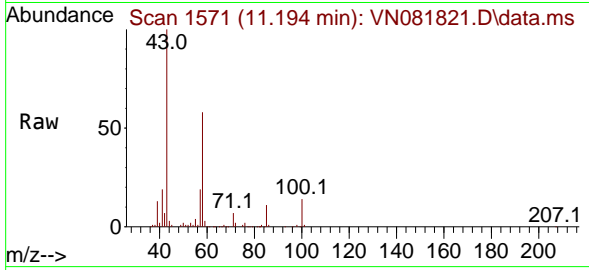
Tgt Ion: 43 Resp: 251614
 Ion Ratio Lower Upper
 43 100
 58 40.5 36.5 54.7
 85 19.7 19.5 29.3





#59
 2-Hexanone
 Concen: 105.040 ug/l
 RT: 11.194 min Scan# 1111
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

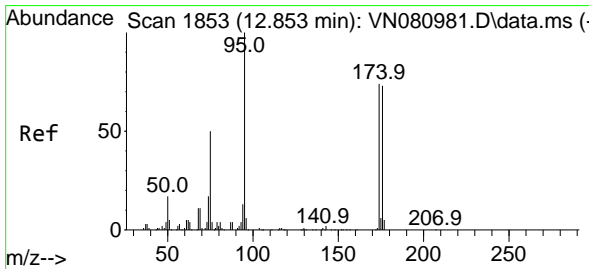
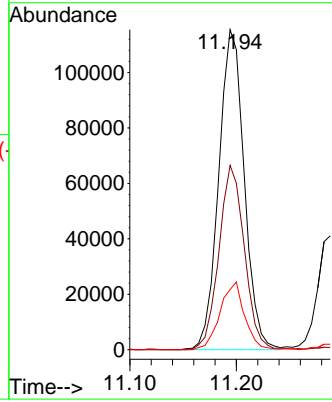
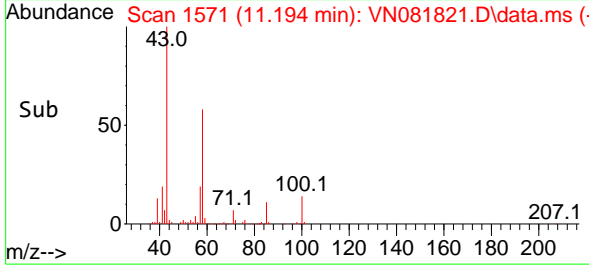
Instrument : MSVOA_N
 ClientSampleId : VN0422WBS01



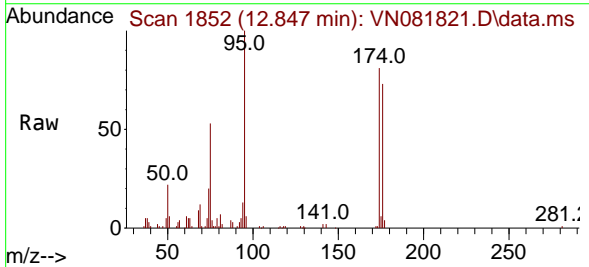
Tgt Ion: 43 Resp: 19171
 Ion Ratio Lower Upper
 43 100
 58 57.2 50.4 75.6
 57 20.3 18.6 27.8

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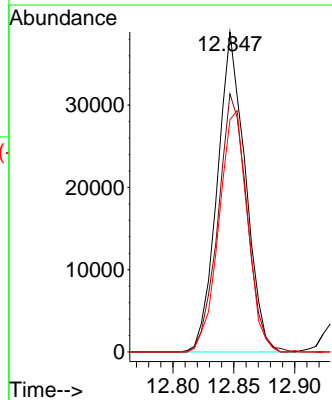
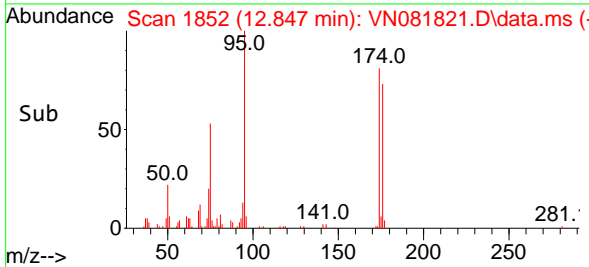
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

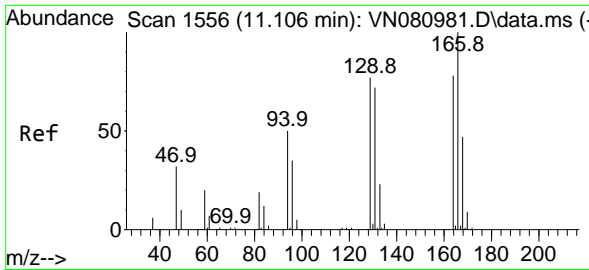


#60
 4-Bromofluorobenzene
 Concen: 22.386 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



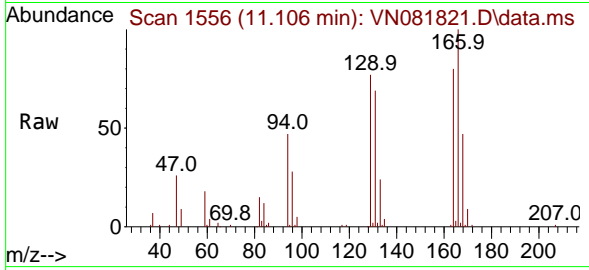
Tgt Ion: 95 Resp: 62196
 Ion Ratio Lower Upper
 95 100
 174 82.8 60.5 90.7
 176 76.9 57.8 86.6





#61
 Tetrachloroethene
 Concen: 21.456 ug/l
 RT: 11.106 min Scan# 11106
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

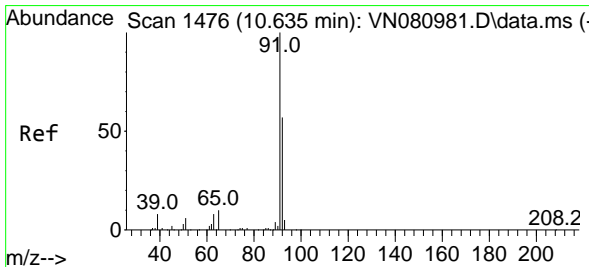
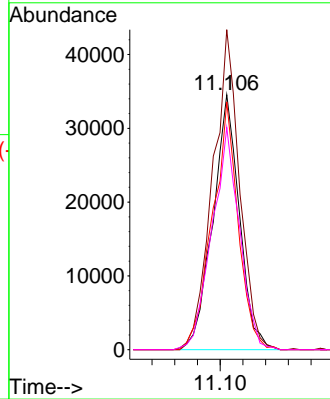
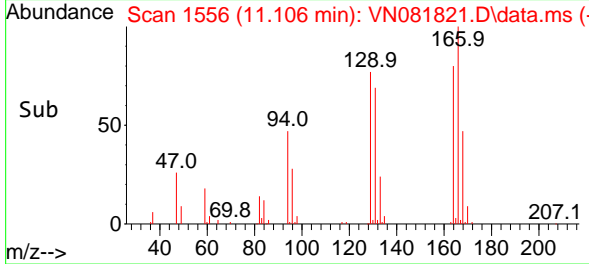
Instrument : MSVOA_N
 ClientSampleId : VN0422WBS01



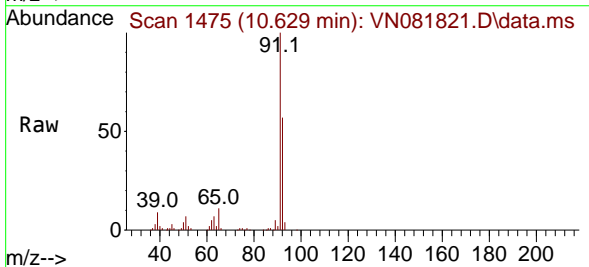
Tgt Ion:164 Resp: 56188
 Ion Ratio Lower Upper
 164 100
 166 125.5 106.7 160.1
 129 97.2 85.8 128.6
 131 87.1 79.1 118.7

Manual Integrations
 APPROVED

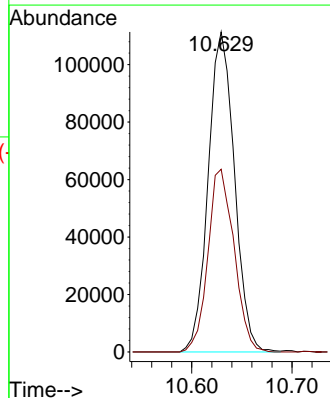
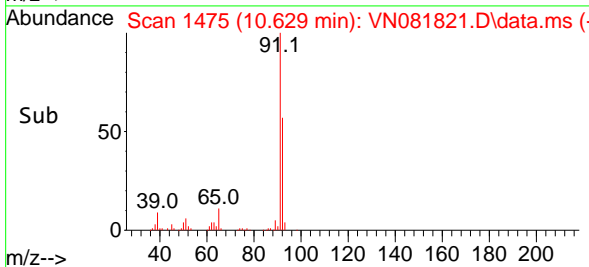
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

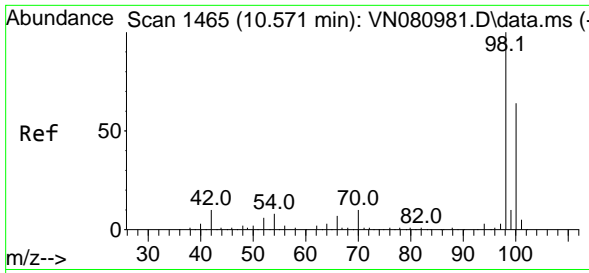


#62
 Toluene
 Concen: 19.708 ug/l
 RT: 10.629 min Scan# 1475
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 91 Resp: 202625
 Ion Ratio Lower Upper
 91 100
 92 56.9 46.5 69.7





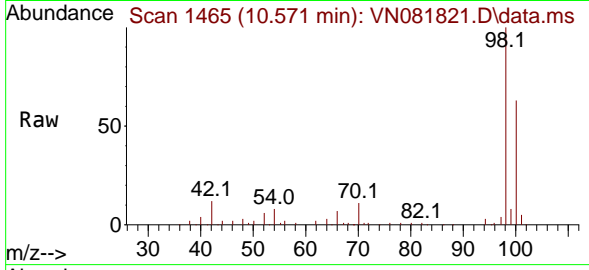
#63
 Toluene-d8
 Concen: 29.670 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



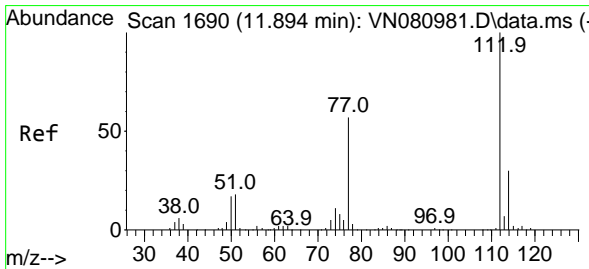
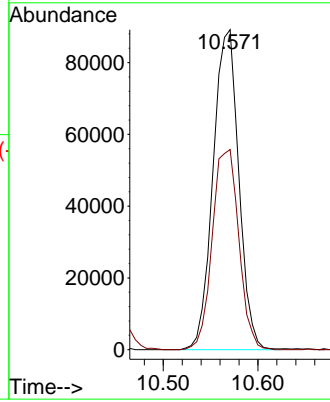
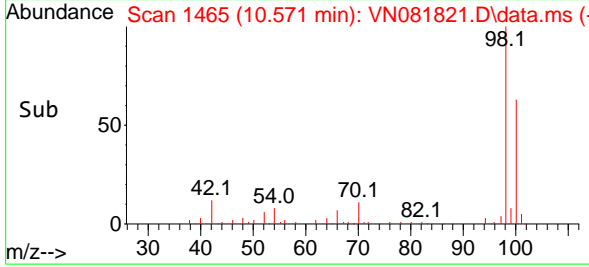
Tgt Ion: 98 Resp: 16819
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.7 79.1

Manual Integrations

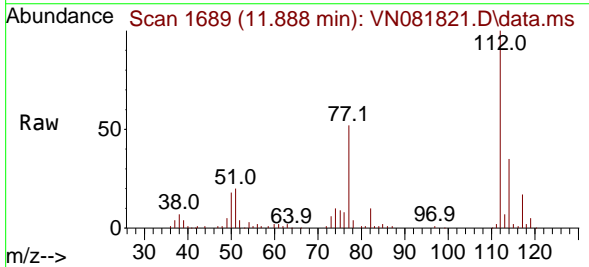
APPROVED

Reviewed By :John Carlone 04/23/2024

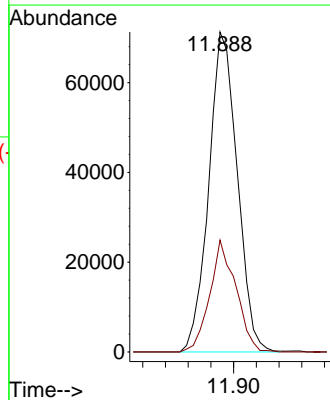
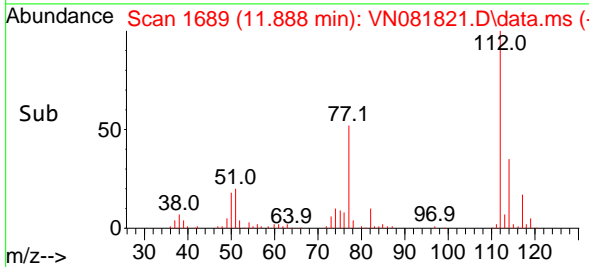
Supervised By :Mahesh Dadoda 04/23/2024

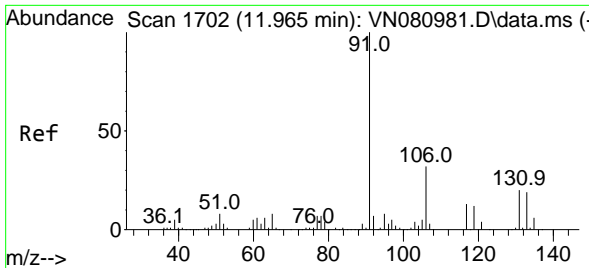


#64
 Chlorobenzene
 Concen: 19.067 ug/l
 RT: 11.888 min Scan# 1689
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



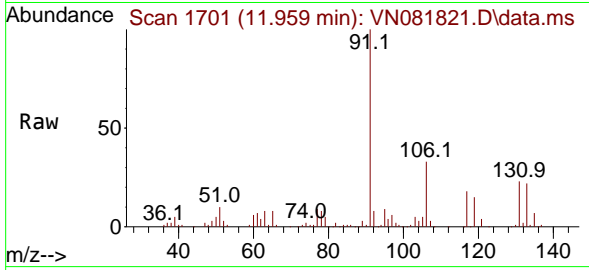
Tgt Ion:112 Resp: 124307
 Ion Ratio Lower Upper
 112 100
 114 35.0 26.6 39.8





#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.377 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

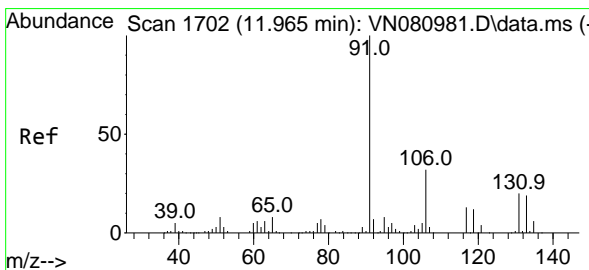
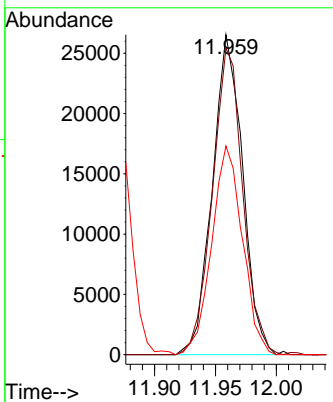
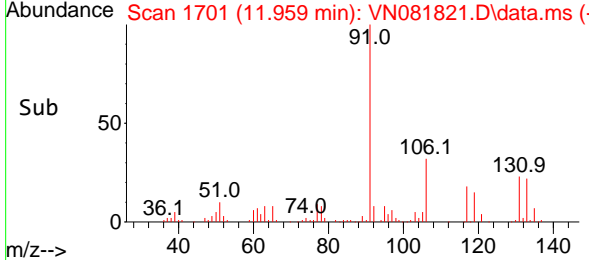
Instrument : MSVOA_N
 Client Sample Id : VN0422WBS01



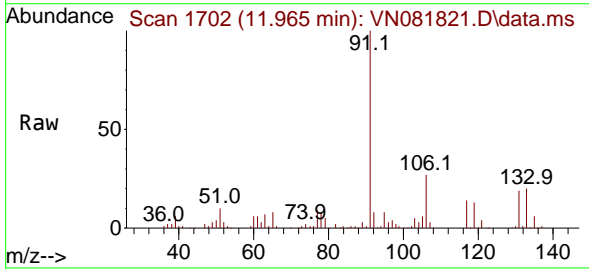
Tgt Ion: 131 Resp: 45889
 Ion Ratio Lower Upper
 131 100
 133 96.3 0.0 188.0
 119 66.3 0.0 122.8

Manual Integrations
APPROVED

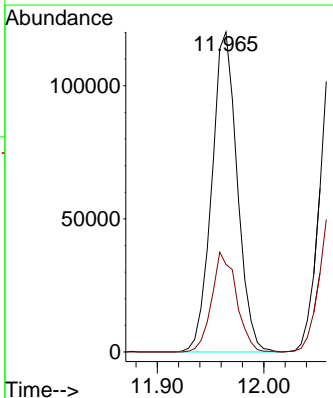
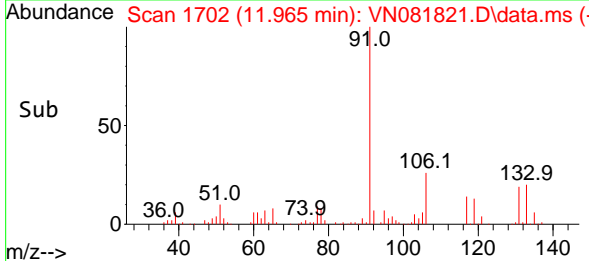
Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

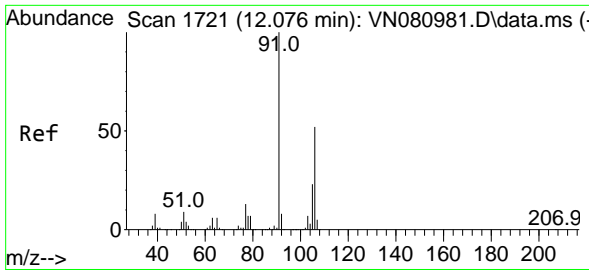


#66
 Ethyl Benzene
 Concen: 18.230 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 91 Resp: 199274
 Ion Ratio Lower Upper
 91 100
 106 27.4 24.4 36.6





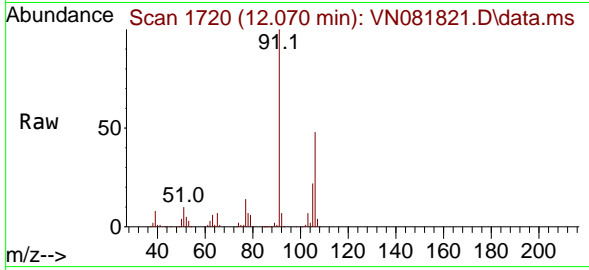
#67
 m/p-Xylenes
 Concen: 37.896 ug/l
 RT: 12.070 min Scan# 1720
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



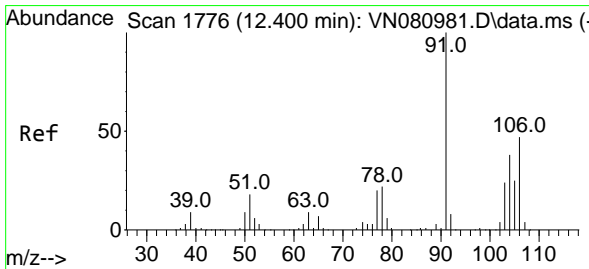
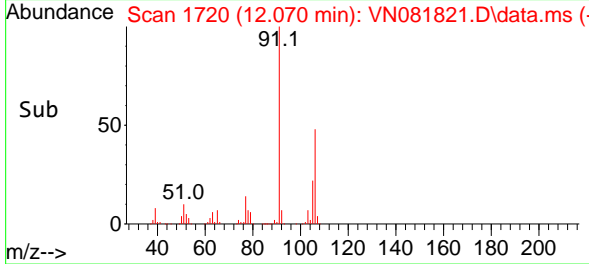
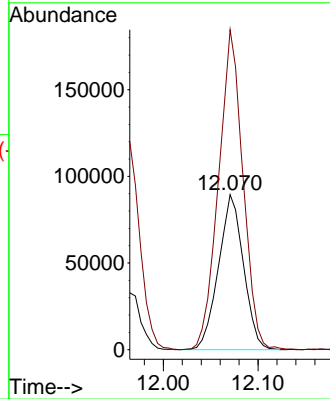
Tgt Ion:106 Resp: 164080
 Ion Ratio Lower Upper
 106 100
 91 201.0 166.6 249.8

Manual Integrations

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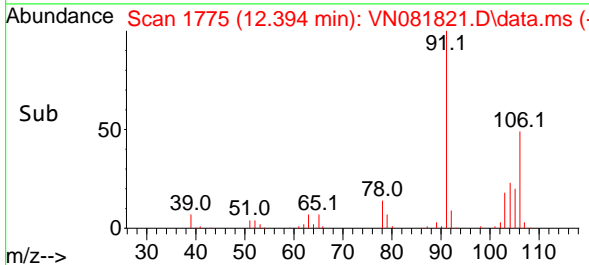
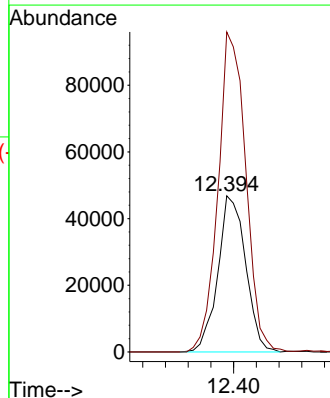
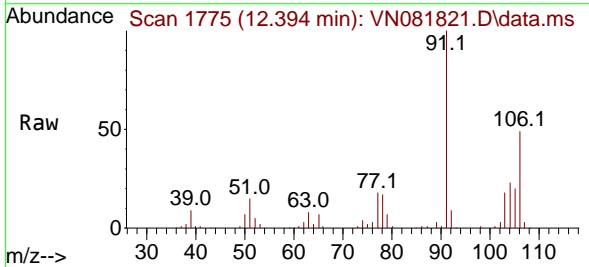
Reviewed By :John Carlone 04/23/2024

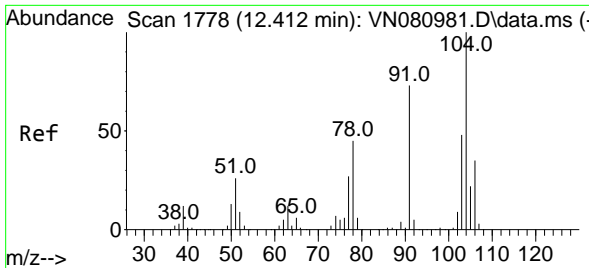
Supervised By :Mahesh Dadoda 04/23/2024



#68
 o-Xylene
 Concen: 19.375 ug/l
 RT: 12.394 min Scan# 1775
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Tgt Ion:106 Resp: 79643
 Ion Ratio Lower Upper
 106 100
 91 204.0 110.0 330.0





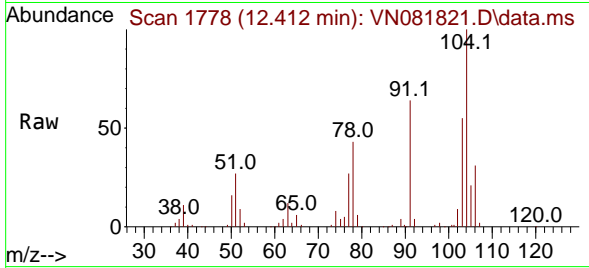
#69
 Styrene
 Concen: 18.931 ug/l
 RT: 12.412 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



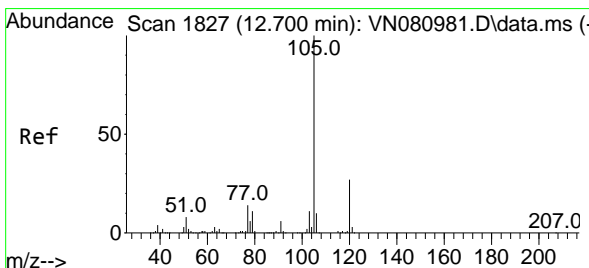
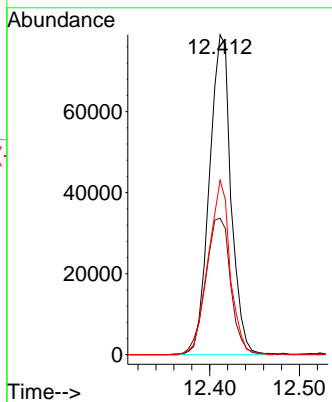
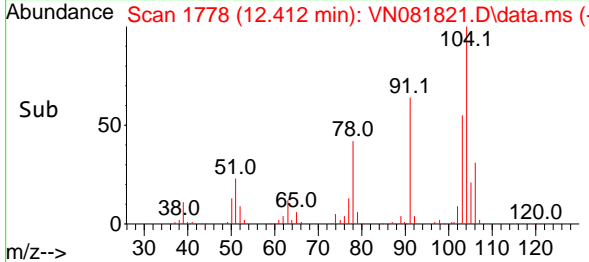
Tgt Ion:104 Resp: 13252
 Ion Ratio Lower Upper
 104 100
 78 49.4 42.6 64.0
 103 55.3 43.7 65.5

Manual Integrations

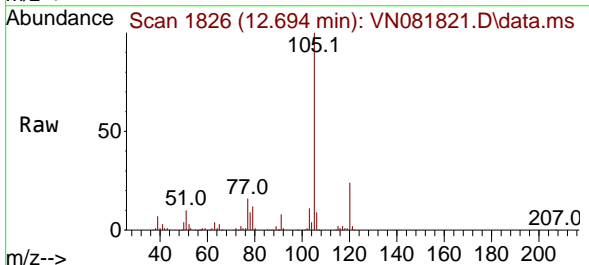
APPROVED

Reviewed By :John Carlone 04/23/2024

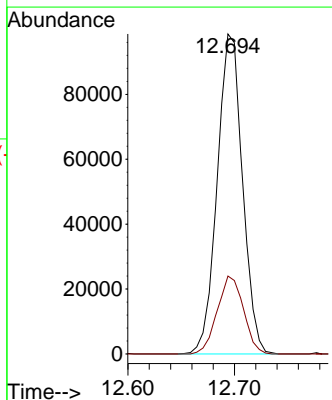
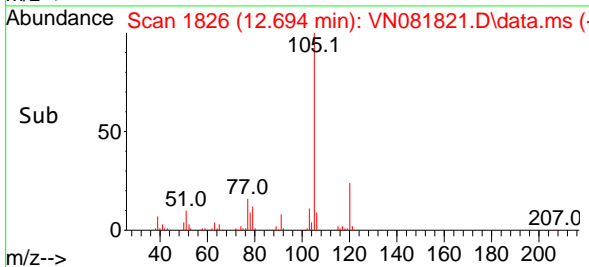
Supervised By :Mahesh Dadoda 04/23/2024

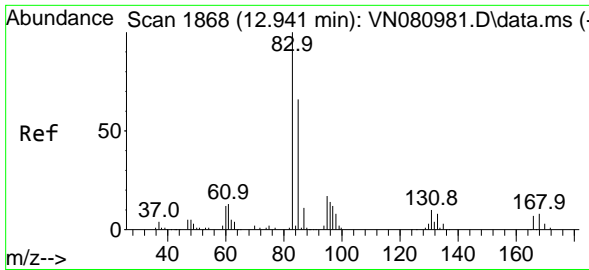


#70
 Isopropylbenzene
 Concen: 15.320 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



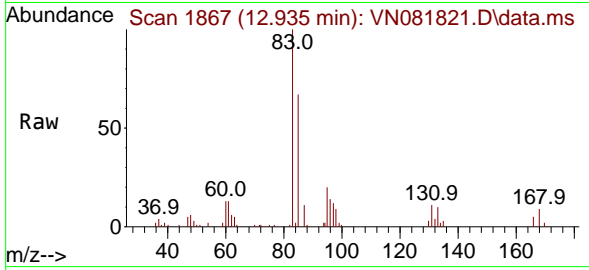
Tgt Ion:105 Resp: 162465
 Ion Ratio Lower Upper
 105 100
 120 25.2 17.8 33.1





#71
 1,1,2-Tetrachloroethane
 Concen: 16.278 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

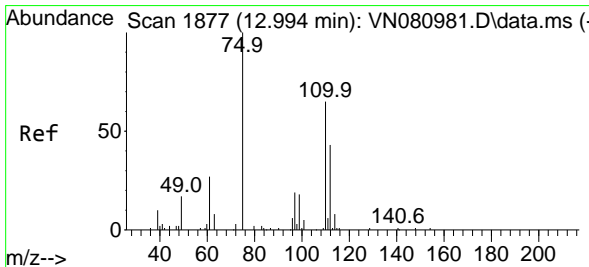
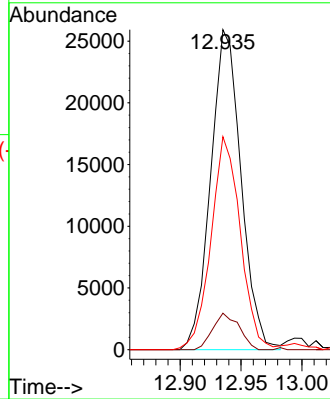
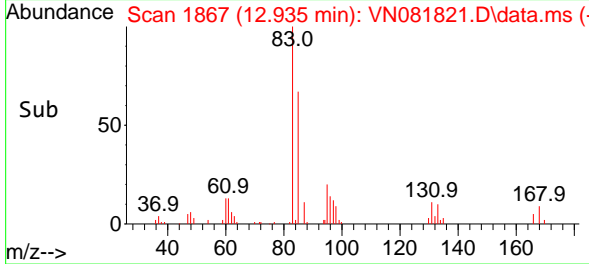
Instrument : MSVOA_N
 Client Sample Id : VN0422WBS01



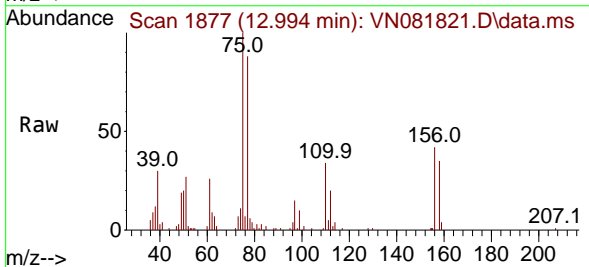
Tgt Ion: 83 Resp: 4509
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.2 15.6
 85 64.0 32.3 96.8

Manual Integrations
 APPROVED

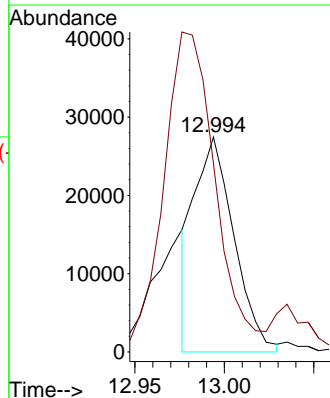
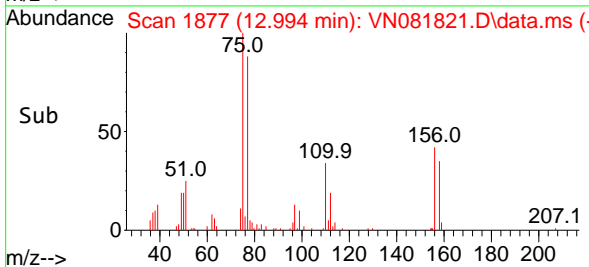
Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

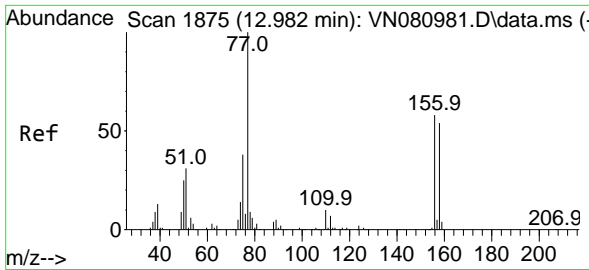


#72
 1,2,3-Trichloropropane
 Concen: 16.551 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 75 Resp: 42446
 Ion Ratio Lower Upper
 75 100
 77 195.0 0.0 367.6





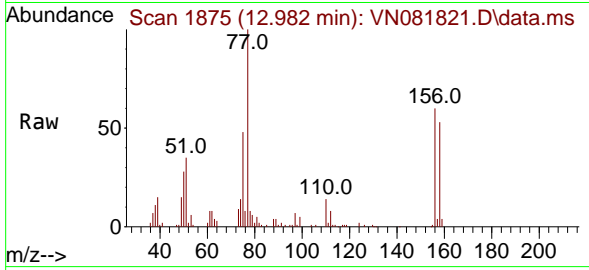
#73
 Bromobenzene
 Concen: 15.348 ug/l
 RT: 12.982 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



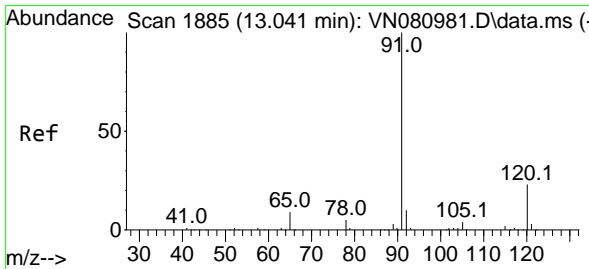
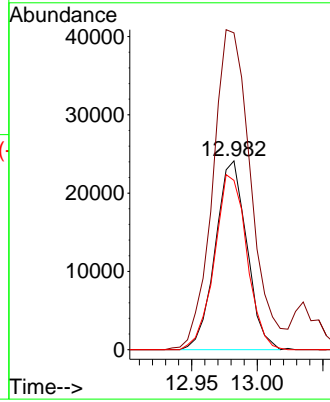
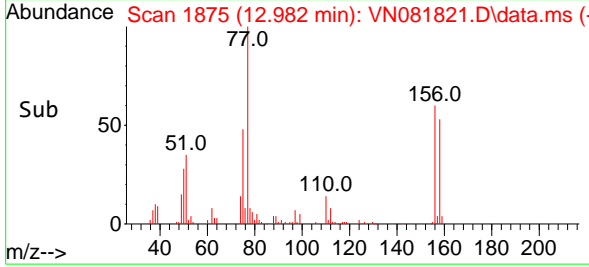
Tgt Ion: 156 Resp: 40330
 Ion Ratio Lower Upper
 156 100
 77 205.3 0.0 437.6
 158 95.4 0.0 203.8

Manual Integrations

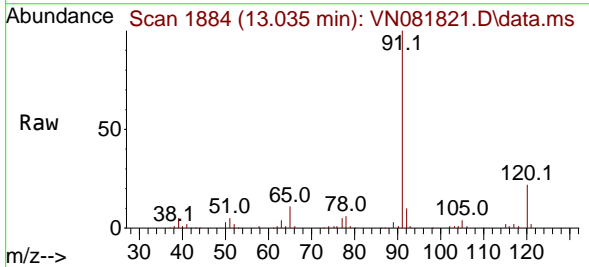
APPROVED

Reviewed By :John Carlone 04/23/2024

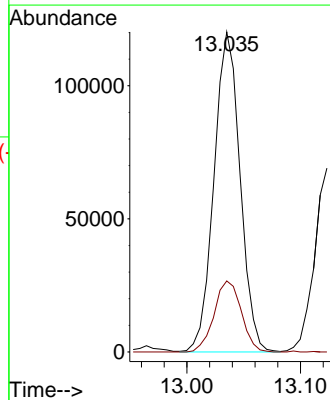
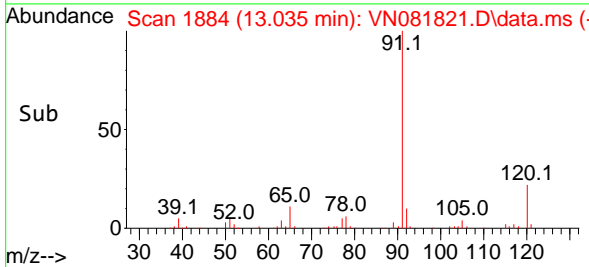
Supervised By :Mahesh Dadoda 04/23/2024

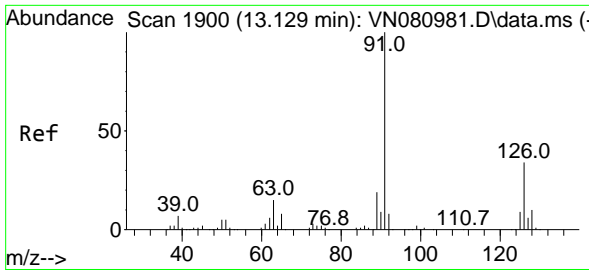


#74
 n-propylbenzene
 Concen: 15.118 ug/l
 RT: 13.035 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 91 Resp: 191906
 Ion Ratio Lower Upper
 91 100
 120 23.1 0.0 43.8





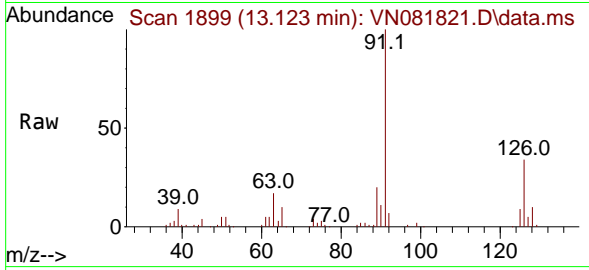
#75
 2-Chlorotoluene
 Concen: 15.340 ug/l
 RT: 13.123 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



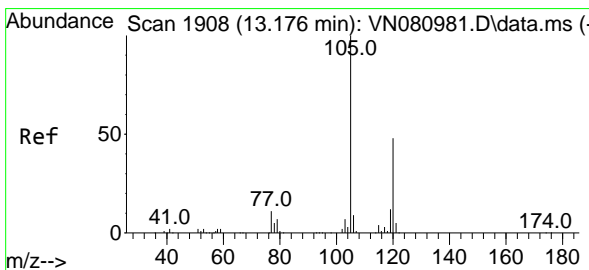
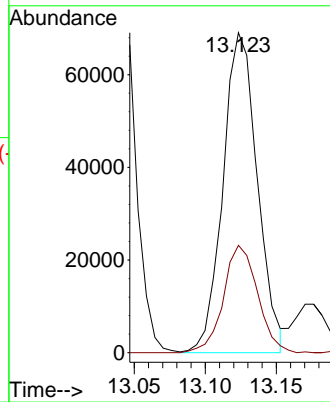
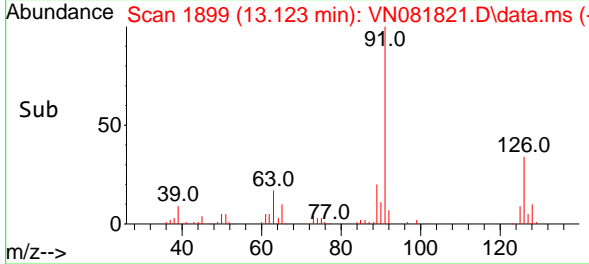
Tgt Ion: 91 Resp: 116000
 Ion Ratio Lower Upper
 91 100
 126 33.4 0.0 61.2

Manual Integrations

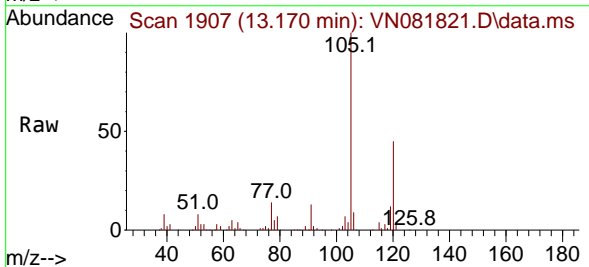
APPROVED

Reviewed By :John Carlone 04/23/2024

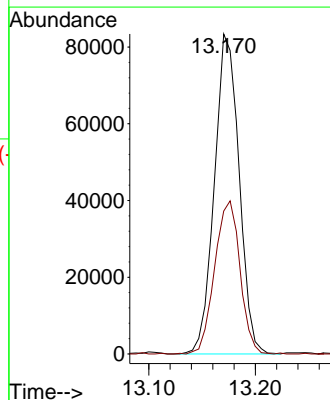
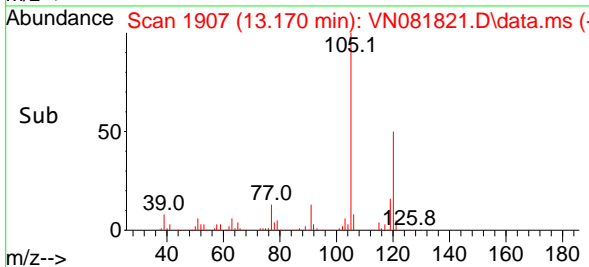
Supervised By :Mahesh Dadoda 04/23/2024

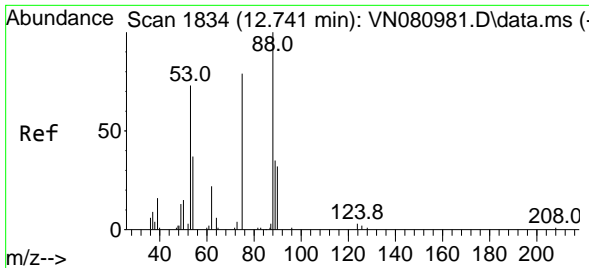


#76
 1,3,5-Trimethylbenzene
 Concen: 14.895 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion:105 Resp: 134065
 Ion Ratio Lower Upper
 105 100
 120 48.9 0.0 95.8





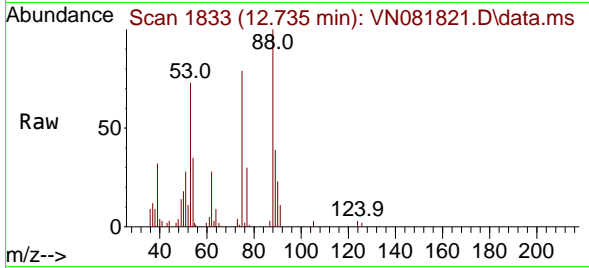
#77
 t-1,4-Dichloro-2-butene
 Concen: 15.226 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

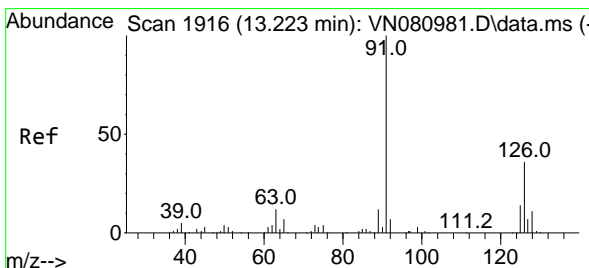
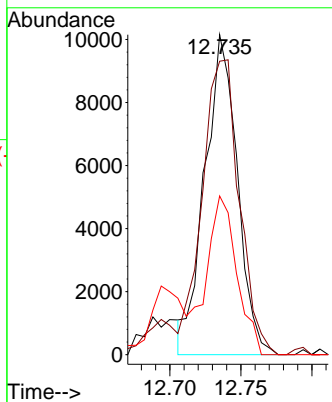
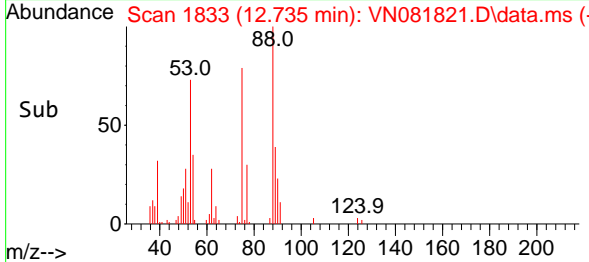


Tgt Ion: 75 Resp: 1617
 Ion Ratio Lower Upper
 75 100
 53 91.7 45.9 137.7
 89 49.6 25.9 77.7

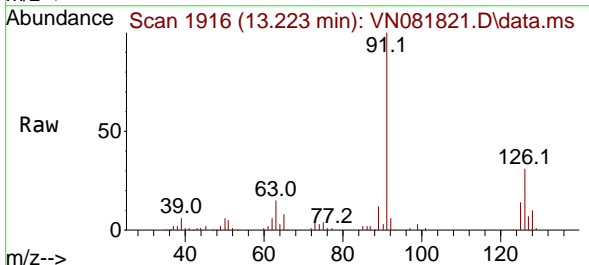
Manual Integrations

APPROVED

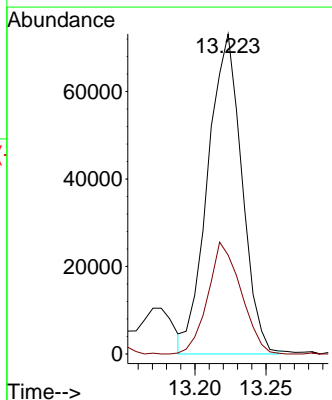
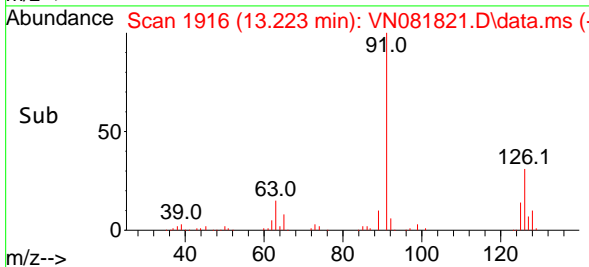
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

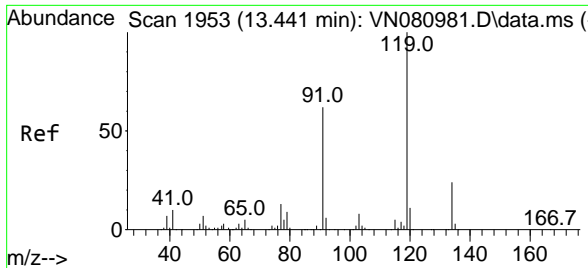


#78
 4-Chlorotoluene
 Concen: 16.257 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



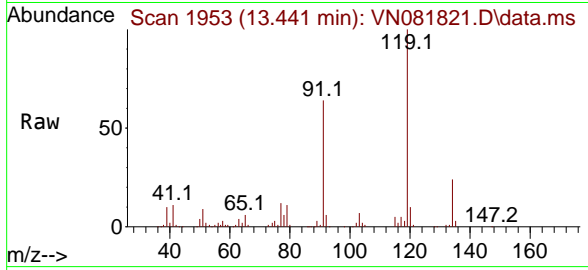
Tgt Ion: 91 Resp: 121939
 Ion Ratio Lower Upper
 91 100
 126 33.9 0.0 62.8





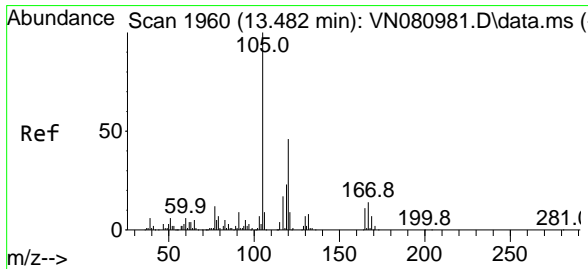
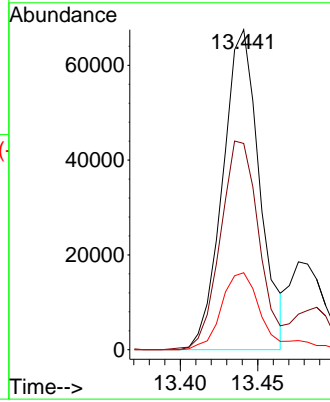
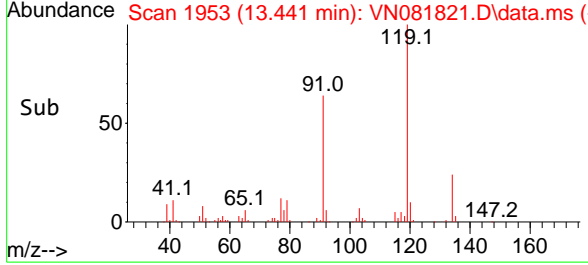
#79
 tert-butylbenzene
 Concen: 14.647 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument : MSVOA_N
 ClientSampleId : VN0422WBS01

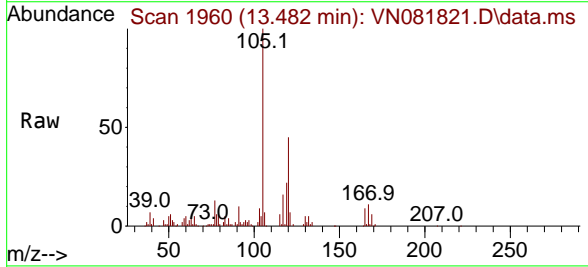


Tgt Ion:119 Resp: 112158
 Ion Ratio Lower Upper
 119 100
 91 67.7 0.0 138.8
 134 24.4 0.0 48.6

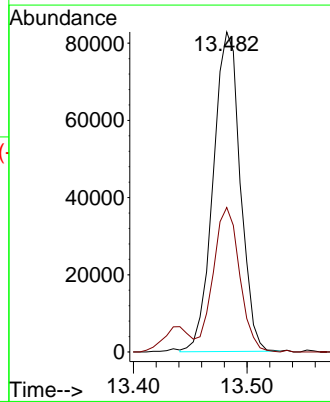
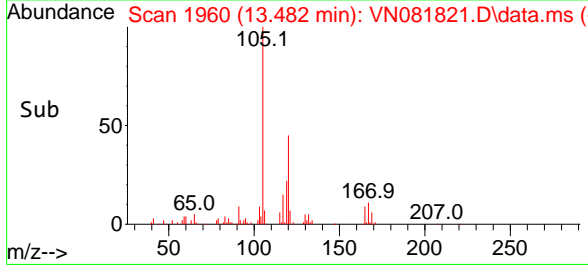
Manual Integrations
APPROVED
 Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

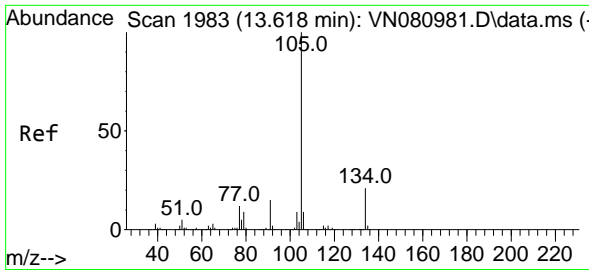


#80
 1,2,4-Trimethylbenzene
 Concen: 15.290 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion:105 Resp: 137246
 Ion Ratio Lower Upper
 105 100
 120 44.2 0.0 86.8





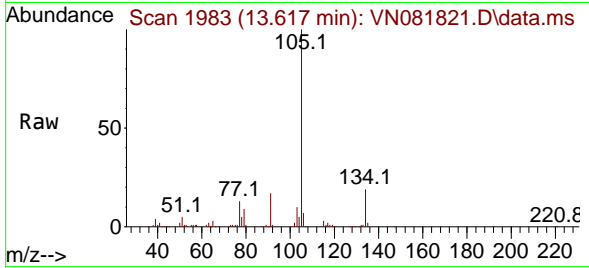
#81
 sec-Butylbenzene
 Concen: 15.040 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



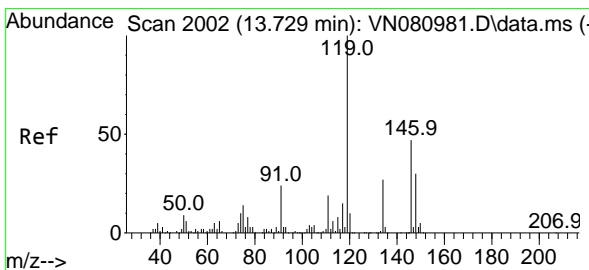
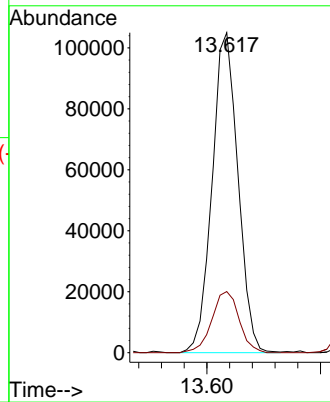
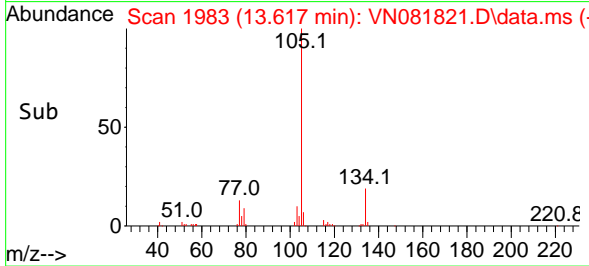
Tgt Ion:105 Resp: 16609
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.0

Manual Integrations

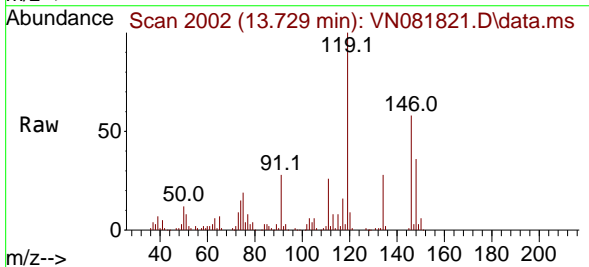
APPROVED

Reviewed By :John Carlone 04/23/2024

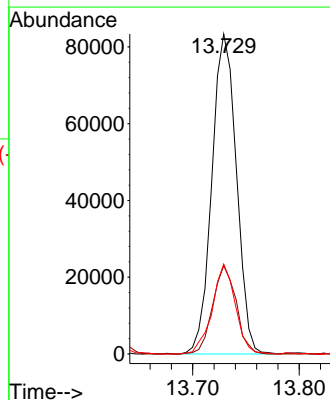
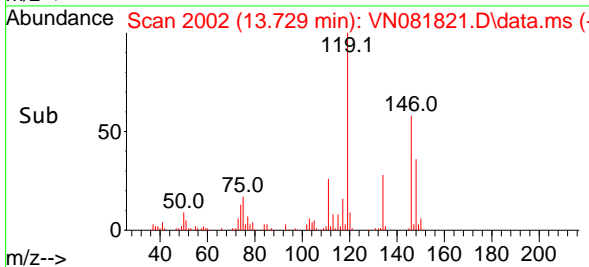
Supervised By :Mahesh Dadoda 04/23/2024

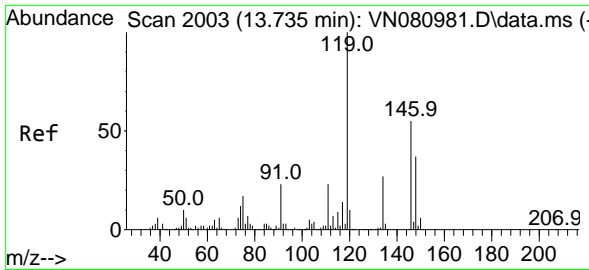


#82
 p-Isopropyltoluene
 Concen: 14.413 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



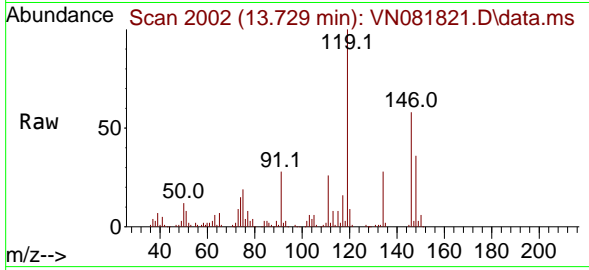
Tgt Ion:119 Resp: 133493
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 49.2
 91 26.5 0.0 48.8





#83
 1,3-Dichlorobenzene
 Concen: 16.142 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

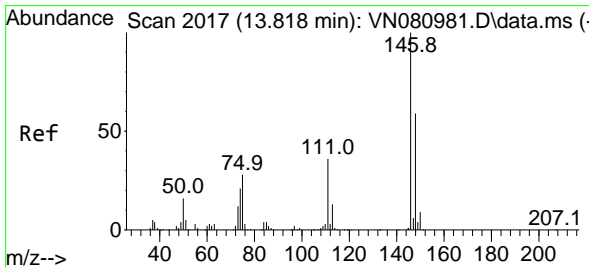
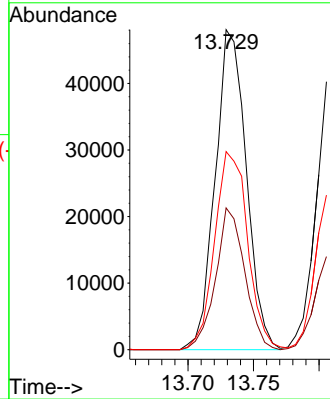
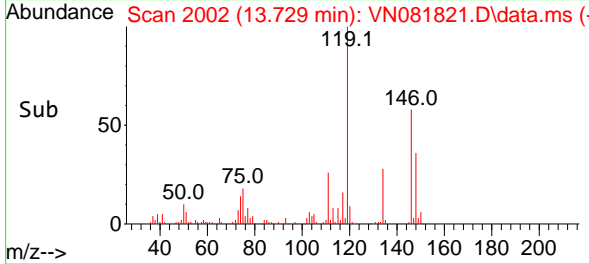
Instrument : MSVOA_N
 Client Sample Id : VN0422WBS01



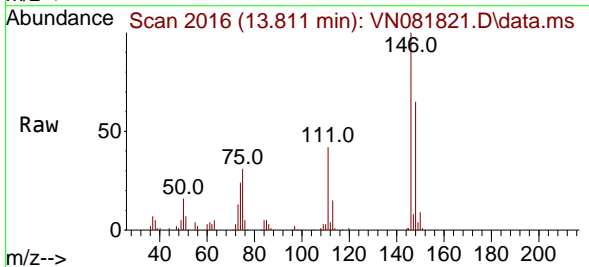
Tgt Ion:146 Resp: 7927
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.4 67.0
 148 65.8 32.1 96.5

Manual Integrations
APPROVED

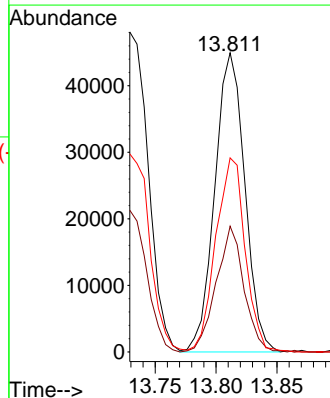
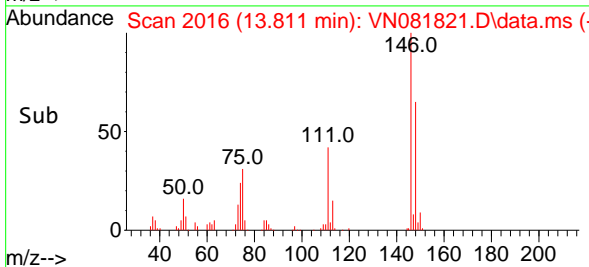
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

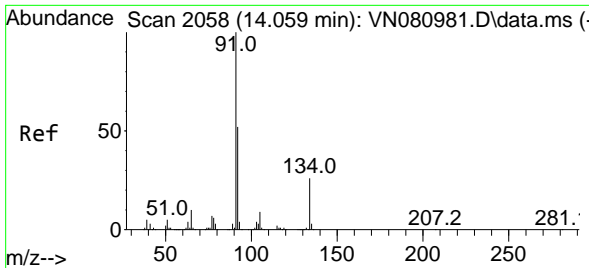


#84
 1,4-Dichlorobenzene
 Concen: 16.214 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion:146 Resp: 77076
 Ion Ratio Lower Upper
 146 100
 111 39.0 21.3 63.9
 148 62.0 31.9 95.5





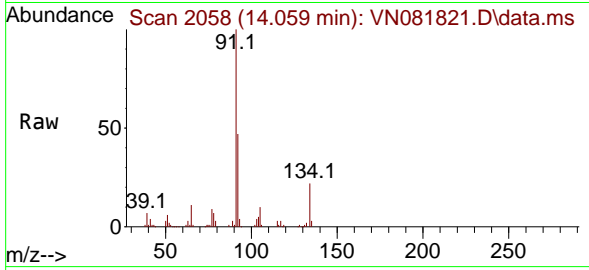
#85
 n-Butylbenzene
 Concen: 14.355 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

Client Sample Id :

VN0422WBS01



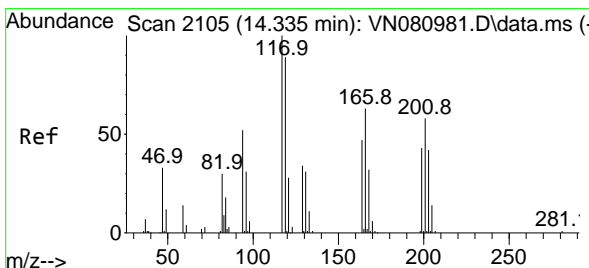
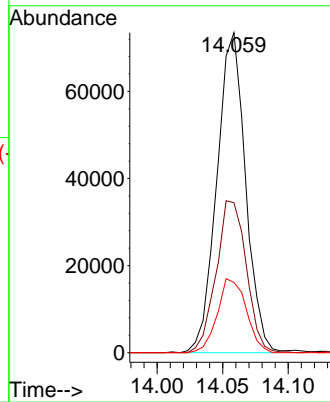
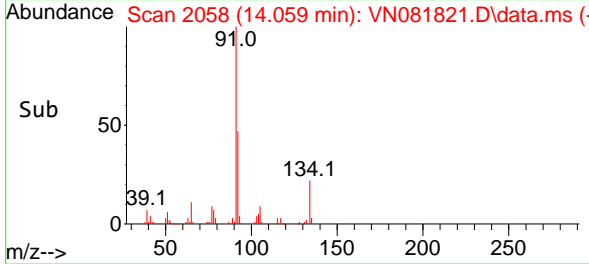
Tgt Ion: 91 Resp: 11199
 Ion Ratio Lower Upper
 91 100
 92 49.8 0.0 105.0
 134 23.3 0.0 51.8

Manual Integrations

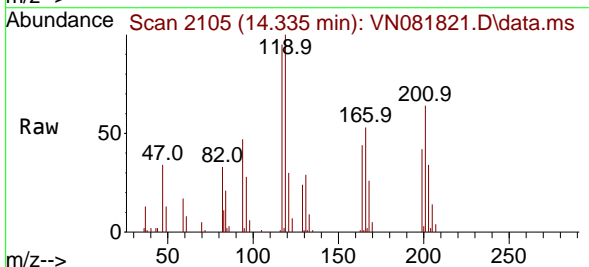
APPROVED

Reviewed By :John Carlone 04/23/2024

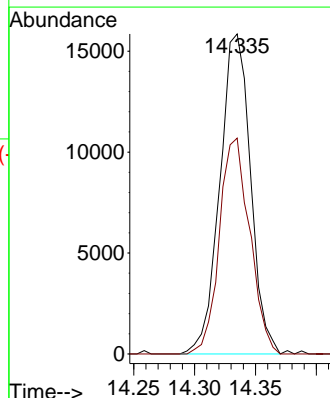
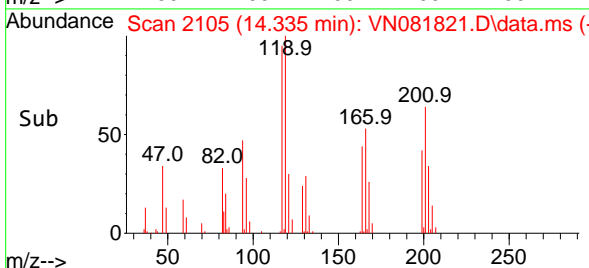
Supervised By :Mahesh Dadoda 04/23/2024

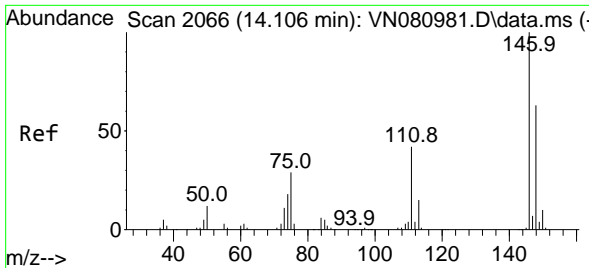


#86
 Hexachloroethane
 Concen: 15.726 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion:117 Resp: 27825
 Ion Ratio Lower Upper
 117 100
 201 66.7 38.0 114.0





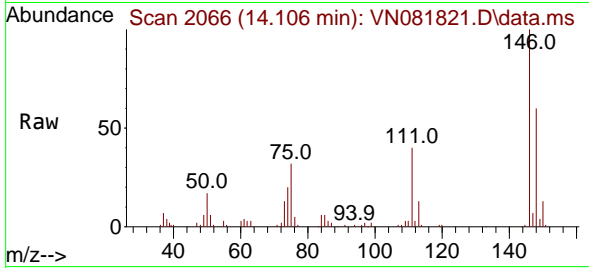
#87
 1,2-Dichlorobenzene
 Concen: 16.250 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



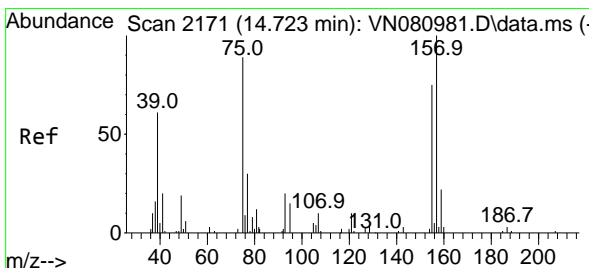
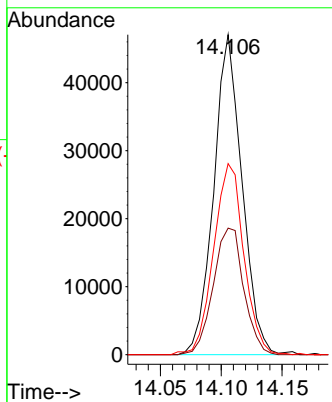
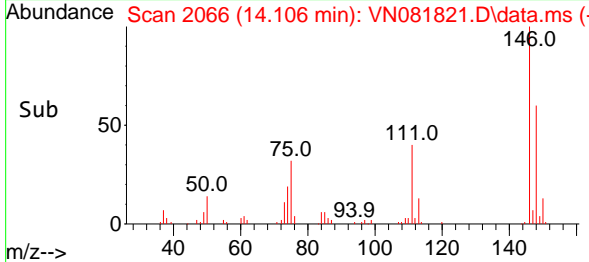
Tgt Ion:146 Resp: 7595
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.6 67.8
 148 63.5 31.3 93.8

Manual Integrations

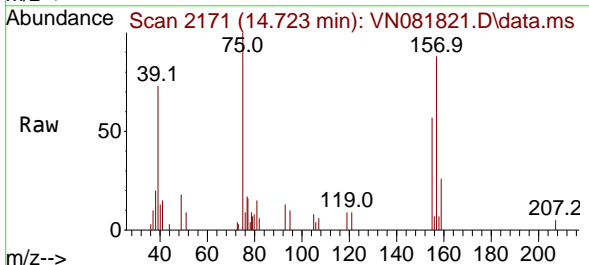
APPROVED

Reviewed By :John Carlone 04/23/2024

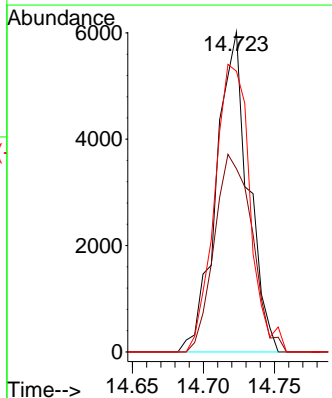
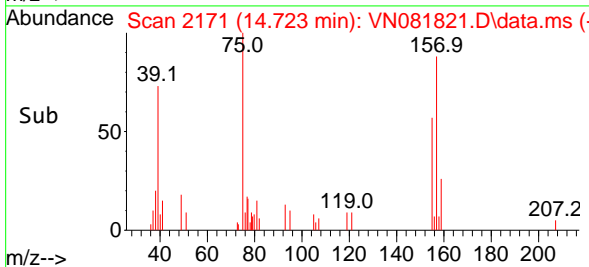
Supervised By :Mahesh Dadoda 04/23/2024

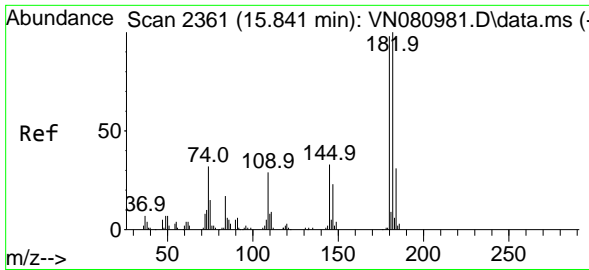


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.683 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 75 Resp: 9471
 Ion Ratio Lower Upper
 75 100
 155 72.6 61.7 92.5
 157 98.8 83.6 125.4





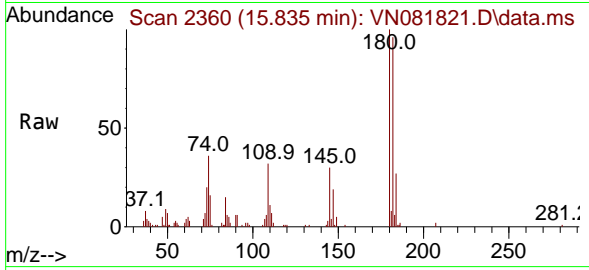
#89
 1,2,4-Trichlorobenzene
 Concen: 16.069 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01



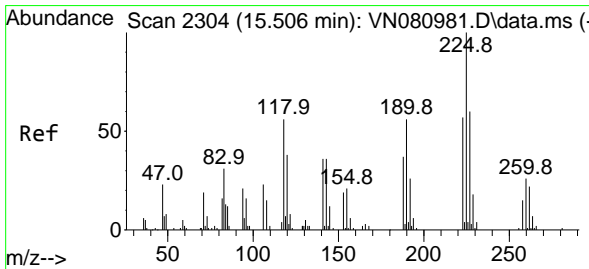
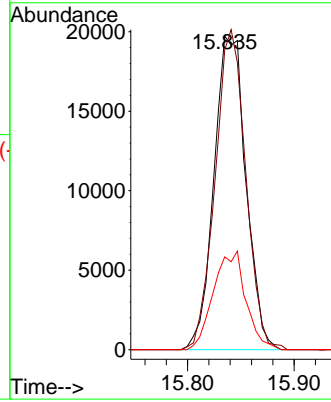
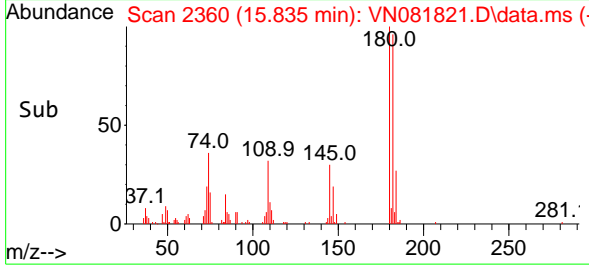
Tgt Ion:180 Resp: 4117
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.4 114.6
 145 31.7 28.4 42.6

Manual Integrations

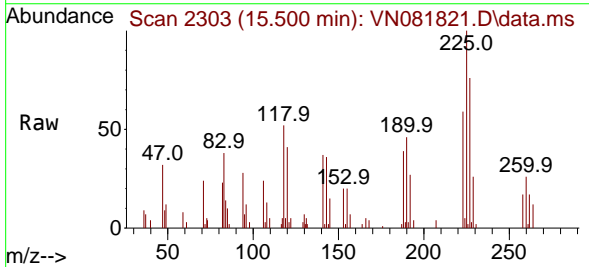
APPROVED

Reviewed By :John Carlone 04/23/2024

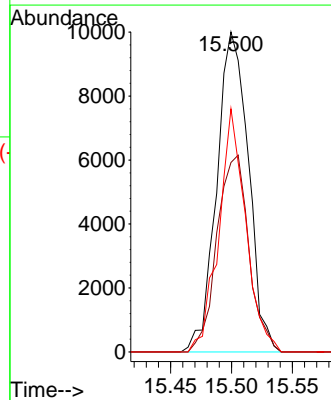
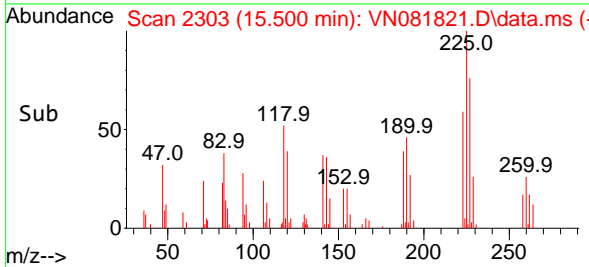
Supervised By :Mahesh Dadoda 04/23/2024

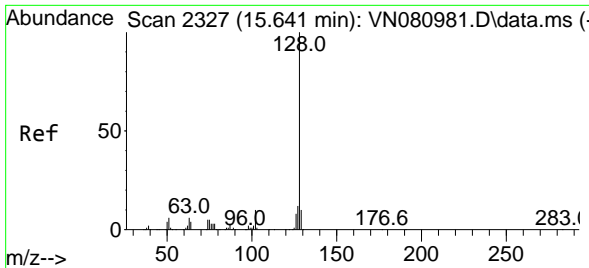


#90
 Hexachlorobutadiene
 Concen: 17.635 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



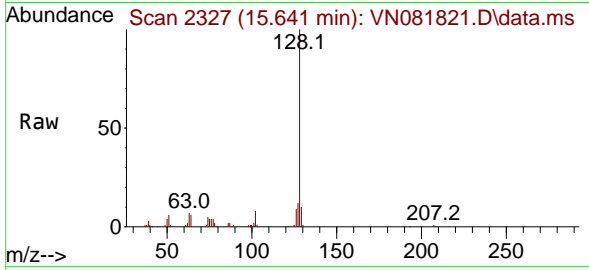
Tgt Ion:225 Resp: 18106
 Ion Ratio Lower Upper
 225 100
 223 61.9 0.0 126.6
 227 64.8 0.0 126.6





#91
 Naphthalene
 Concen: 14.182 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

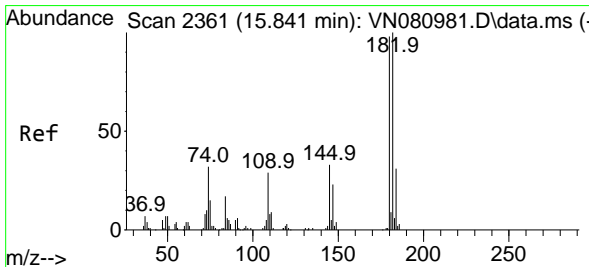
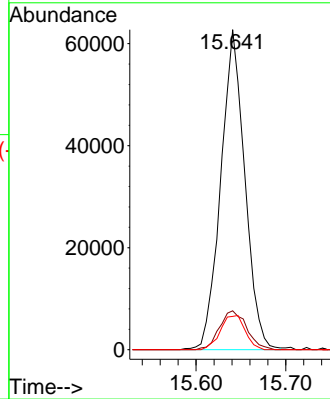
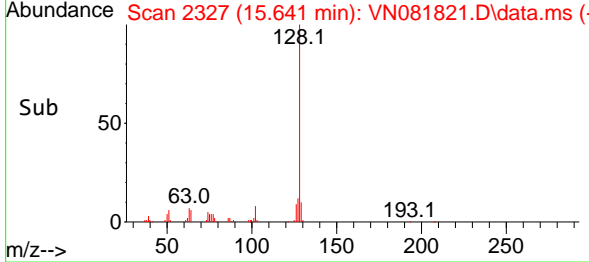
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01



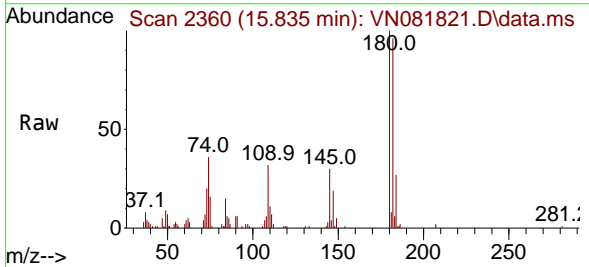
Tgt Ion:128 Resp: 116819
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.6 16.0
 129 11.0 8.6 13.0

Manual Integrations
 APPROVED

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



#92
 1,2,3-Trichlorobenzene
 Concen: 16.069 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. -0.012 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion:180 Resp: 41171
 Ion Ratio Lower Upper
 180 100
 182 97.2 0.0 191.0
 145 31.7 0.0 71.0

