

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090222\  
 Data File : VN074281.D  
 Acq On : 02 Sep 2022 11:46  
 Operator : JC\MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/03/2022  
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 02 14:16:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090222W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 14:16:05 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.016  | 168   | 273921   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.898  | 114   | 496563   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.680 | 117   | 417842   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.610 | 152   | 161041   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 0.000  | 65    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 0.000%#  |
| 35) Dibromofluoromethane     | 0.000  | 113   | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 0.000%#  |
| 50) Toluene-d8               | 0.000  | 98    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 0.000%#  |
| 62) 4-Bromofluorobenzene     | 0.000  | 95    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 0.000%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.052  | 85    | 3144     | 1.109    | ug/l   | 86       |
| 3) Chloromethane             | 2.269  | 50    | 4725     | 1.184    | ug/l # | 76       |
| 4) Vinyl Chloride            | 2.410  | 62    | 6718     | 1.693    | ug/l   | 89       |
| 6) Chloroethane              | 2.981  | 64    | 4313     | 1.417    | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.334  | 101   | 5986     | 0.987    | ug/l # | 58       |
| 8) Diethyl Ether             | 3.775  | 74    | 2281     | 0.884    | ug/l   | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 4.146  | 101   | 3717     | 1.073    | ug/l # | 65       |
| 12) 1,1-Dichloroethene       | 4.134  | 96    | 3275m    | 1.020    | ug/l   |          |
| 13) Acrolein                 | 3.998  | 56    | 2951m    | 3.142    | ug/l   |          |
| 14) Allyl chloride           | 4.781  | 41    | 5093m    | 0.711    | ug/l   |          |
| 15) Acrylonitrile            | 5.469  | 53    | 11449m   | 3.730    | ug/l   |          |
| 16) Acetone                  | 4.222  | 43    | 10574    | 3.724    | ug/l # | 81       |
| 17) Carbon Disulfide         | 4.469  | 76    | 8579     | 0.939    | ug/l # | 75       |
| 18) Methyl Acetate           | 4.781  | 43    | 6701     | 0.781    | ug/l # | 83       |
| 19) Methyl tert-butyl Ether  | 5.540  | 73    | 10211    | 0.860    | ug/l # | 83       |
| 20) Methylene Chloride       | 5.022  | 84    | 4872     | 1.006    | ug/l # | 77       |
| 21) trans-1,2-Dichloroethene | 5.534  | 96    | 3052m    | 0.823    | ug/l   |          |
| 22) Diisopropyl ether        | 6.410  | 45    | 8525     | 0.584    | ug/l # | 84       |
| 23) Vinyl Acetate            | 6.345  | 43    | 38950m   | 3.162    | ug/l   |          |
| 24) 1,1-Dichloroethane       | 6.316  | 63    | 6256m    | 0.869    | ug/l   |          |
| 25) 2-Butanone               | 7.263  | 43    | 14452    | 3.182    | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 7.245  | 77    | 5378     | 1.074    | ug/l   | 83       |
| 27) cis-1,2-Dichloroethene   | 7.234  | 96    | 4162m    | 1.005    | ug/l   |          |
| 28) Bromochloromethane       | 7.592  | 49    | 2143     | 0.748    | ug/l # | 100      |
| 29) Tetrahydrofuran          | 7.610  | 42    | 9016     | 3.117    | ug/l # | 92       |
| 30) Chloroform               | 7.745  | 83    | 6922     | 0.943    | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 7.951  | 97    | 5329     | 0.944    | ug/l # | 49       |
| 36) 1,1-Dichloropropene      | 8.145  | 75    | 4695     | 0.896    | ug/l   | 93       |
| 37) Ethyl Acetate            | 7.334  | 43    | 7631     | 0.870    | ug/l # | 76       |
| 38) Carbon Tetrachloride     | 8.134  | 117   | 5146     | 1.027    | ug/l # | 63       |
| 39) Methylcyclohexane        | 9.392  | 83    | 5916     | 0.961    | ug/l # | 83       |
| 40) Benzene                  | 8.381  | 78    | 14828    | 0.901    | ug/l # | 74       |
| 41) Methacrylonitrile        | 7.551  | 41    | 2882m    | 0.712    | ug/l   |          |
| 42) 1,2-Dichloroethane       | 8.451  | 62    | 6335     | 1.081    | ug/l   | 77       |
| 43) Isopropyl Acetate        | 8.504  | 43    | 8870     | 0.753    | ug/l # | 97       |
| 44) Trichloroethene          | 9.139  | 130   | 3958     | 1.076    | ug/l   | 96       |

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 ALS Vial : 3 Sample Multiplier: 1

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 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

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 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 02 14:16:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090222W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 14:16:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 1,2-Dichloropropane       | 9.422  | 63   | 3686     | 0.829  | ug/l # | 82       |
| 46) Dibromomethane            | 9.510  | 93   | 3040     | 1.024  | ug/l # | 57       |
| 47) Bromodichloromethane      | 9.692  | 83   | 4516     | 0.776  | ug/l # | 91       |
| 48) Methyl methacrylate       | 9.492  | 41   | 4067     | 0.726  | ug/l # | 65       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 2033     | 16.830 | ug/l # | 69       |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43   | 26178    | 3.060  | ug/l   | 97       |
| 52) Toluene                   | 10.439 | 92   | 7406     | 0.763  | ug/l # | 73       |
| 53) t-1,3-Dichloropropene     | 10.657 | 75   | 4534     | 0.822  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene   | 10.128 | 75   | 5112     | 0.828  | ug/l # | 80       |
| 55) 1,1,2-Trichloroethane     | 10.839 | 97   | 4028     | 0.960  | ug/l # | 77       |
| 56) Ethyl methacrylate        | 10.704 | 69   | 4909     | 0.772  | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 10.980 | 76   | 6629     | 0.909  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.980  | 63   | 10785    | 3.351  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.022 | 43   | 19751    | 3.042  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.169 | 129  | 3712     | 0.944  | ug/l   | 93       |
| 61) 1,2-Dibromoethane         | 11.274 | 107  | 3702     | 0.923  | ug/l   | 90       |
| 64) Tetrachloroethene         | 10.910 | 164  | 2699     | 0.892  | ug/l   | 83       |
| 65) Chlorobenzene             | 11.704 | 112  | 8807     | 0.937  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 3454     | 1.034  | ug/l # | 65       |
| 67) Ethyl Benzene             | 11.786 | 91   | 16039    | 0.951  | ug/l # | 80       |
| 68) m/p-Xylenes               | 11.886 | 106  | 12002    | 1.915  | ug/l   | 97       |
| 69) o-Xylene                  | 12.216 | 106  | 5809     | 0.930  | ug/l   | 89       |
| 70) Styrene                   | 12.227 | 104  | 8411     | 0.845  | ug/l   | 93       |
| 71) Bromoform                 | 12.398 | 173  | 2336     | 0.825  | ug/l # | 94       |
| 73) Isopropylbenzene          | 12.521 | 105  | 13303    | 0.965  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.321 | 43   | 5887     | 0.754  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.763 | 83   | 5038     | 0.881  | ug/l   | 88       |
| 76) 1,2,3-Trichloropropane    | 12.827 | 75   | 4802m    | 1.049  | ug/l   |          |
| 77) Bromobenzene              | 12.798 | 156  | 3271     | 1.014  | ug/l   | 76       |
| 78) n-propylbenzene           | 12.857 | 91   | 14675    | 0.933  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 10325    | 1.072  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.992 | 105  | 10431    | 0.930  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.045 | 91   | 9740     | 1.045  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.263 | 119  | 10313    | 1.075  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.304 | 105  | 10537    | 0.973  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 13507    | 1.004  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 9375     | 0.895  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 6093     | 1.060  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.627 | 146  | 8444m    | 1.419  | ug/l   |          |
| 89) n-Butylbenzene            | 13.880 | 91   | 10284    | 1.128  | ug/l   | 88       |
| 90) Hexachloroethane          | 14.133 | 117  | 2358     | 1.092  | ug/l   | 77       |
| 91) 1,2-Dichlorobenzene       | 13.927 | 146  | 7102     | 1.172  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.533 | 75   | 1425     | 1.247  | ug/l   | 78       |
| 93) 1,2,4-Trichlorobenzene    | 15.198 | 180  | 4569     | 1.541  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.304 | 225  | 1754     | 1.203  | ug/l   | 92       |
| 95) Naphthalene               | 15.439 | 128  | 19596    | 1.840  | ug/l # | 89       |
| 96) 1,2,3-Trichlorobenzene    | 15.627 | 180  | 5245     | 1.707  | ug/l   | 95       |

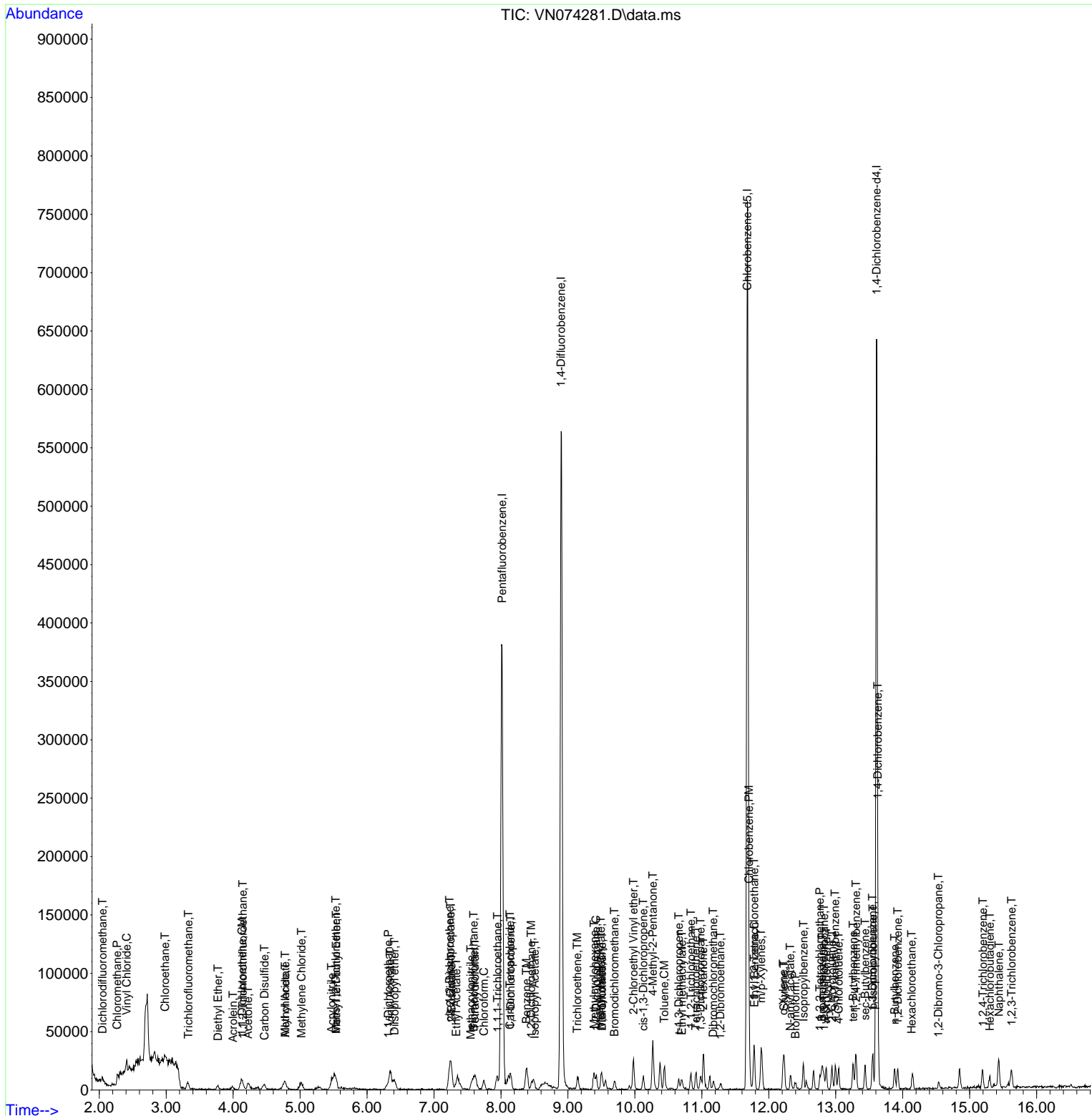
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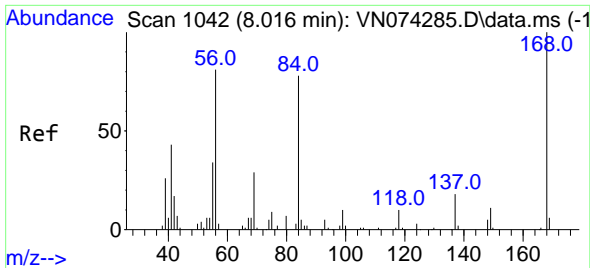
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090222\  
 Data File : VN074281.D  
 Acq On : 02 Sep 2022 11:46  
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 Sample : VSTDIC001  
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 VSTDIC001

Quant Time: Sep 02 14:16:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090222W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 14:16:05 2022  
 Response via : Initial Calibration

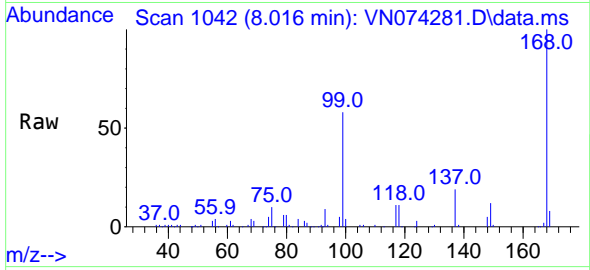
**Manual Integrations**  
**APPROVED**  
 Reviewed By : John Carlone 09/03/2022  
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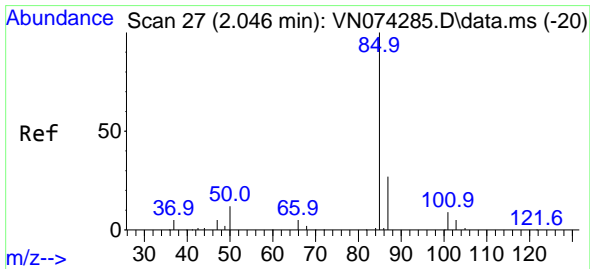
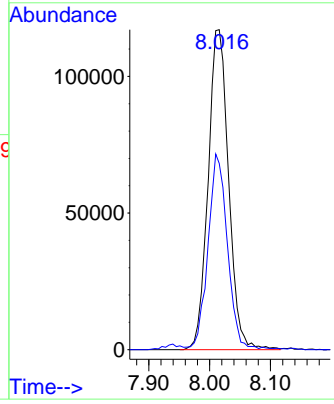
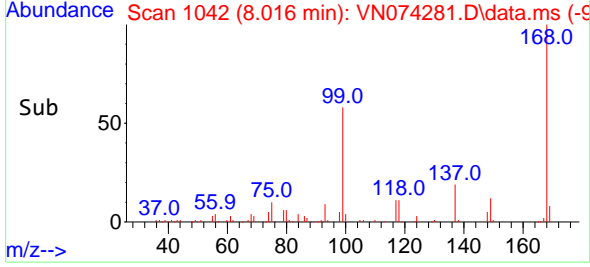
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.016 min Scan# 1042  
 Delta R.T. -0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC001

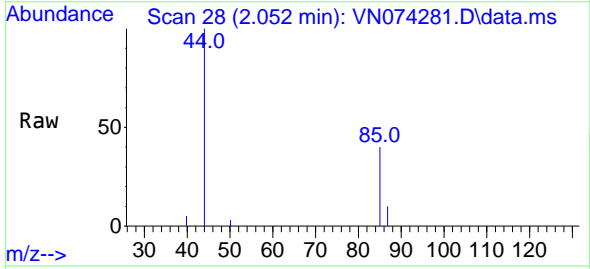


Tgt Ion: 168 Resp: 27392  
 Ion Ratio Lower Upper  
 168 100  
 99 57.9 42.3 63.5

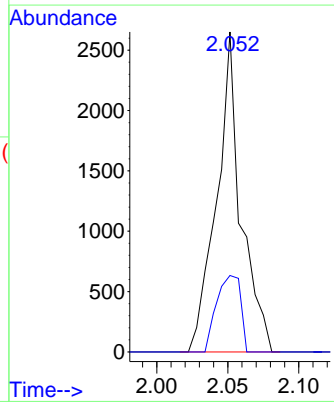
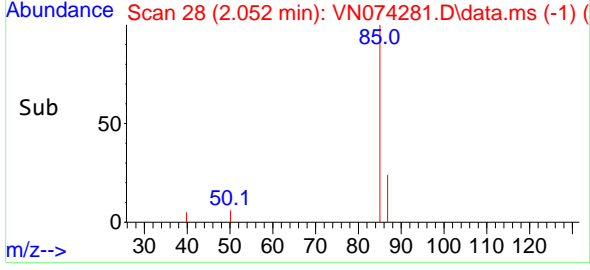
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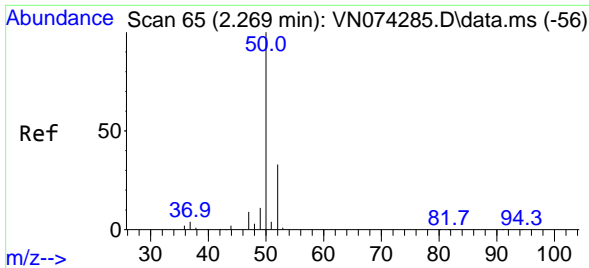


#2  
 Dichlorodifluoromethane  
 Concen: 1.109 ug/l  
 RT: 2.052 min Scan# 28  
 Delta R.T. 0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 85 Resp: 3144  
 Ion Ratio Lower Upper  
 85 100  
 87 23.9 15.7 47.1





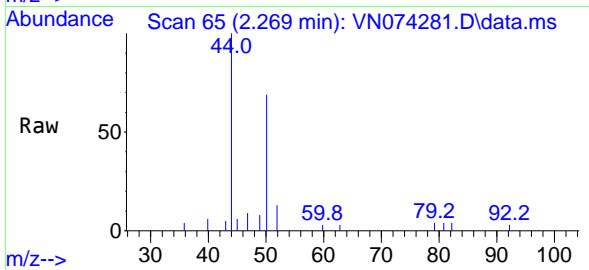
#3  
 Chloromethane  
 Concen: 1.184 ug/l  
 RT: 2.269 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



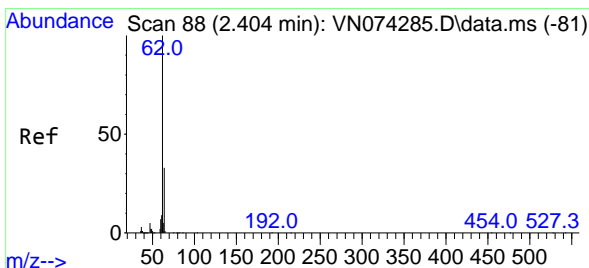
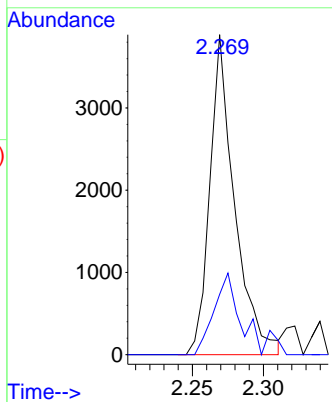
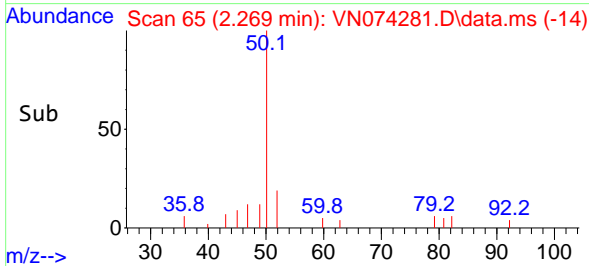
Tgt Ion: 50 Resp: 472  
 Ion Ratio Lower Upper  
 50 100  
 52 18.8 25.7 38.5

Manual Integrations

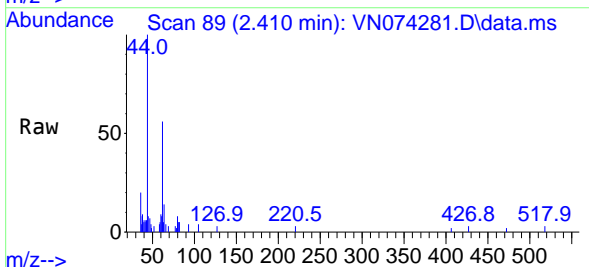
APPROVED

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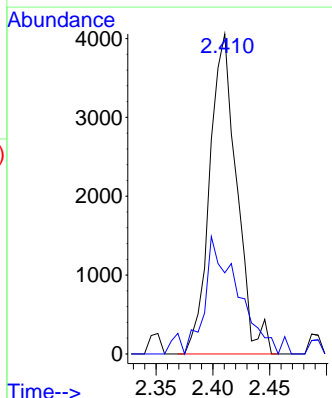
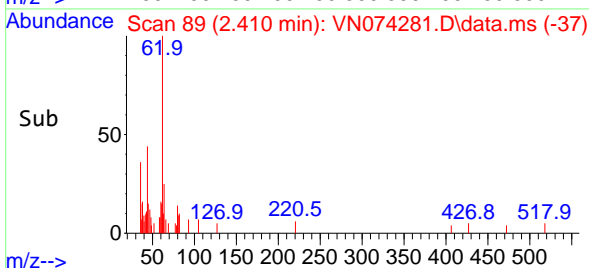
Supervised By :Mahesh Dadoda 09/06/2022

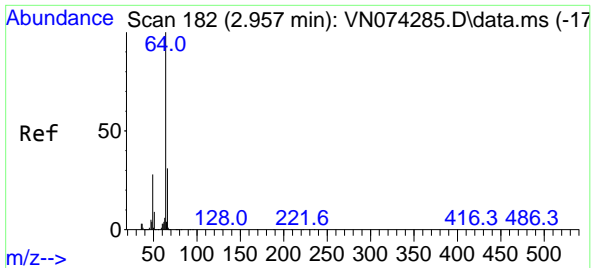


#4  
 Vinyl Chloride  
 Concen: 1.693 ug/l  
 RT: 2.410 min Scan# 89  
 Delta R.T. 0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 62 Resp: 6718  
 Ion Ratio Lower Upper  
 62 100  
 64 25.4 25.0 37.4





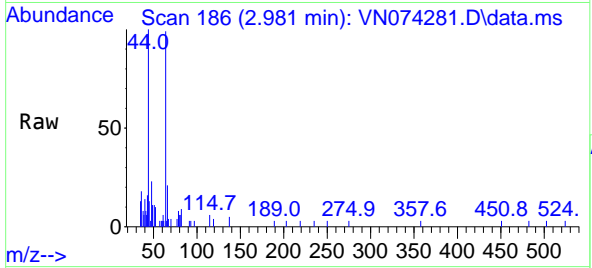
#6  
 Chloroethane  
 Concen: 1.417 ug/l  
 RT: 2.981 min Scan# 186  
 Delta R.T. 0.030 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

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VSTDICC001



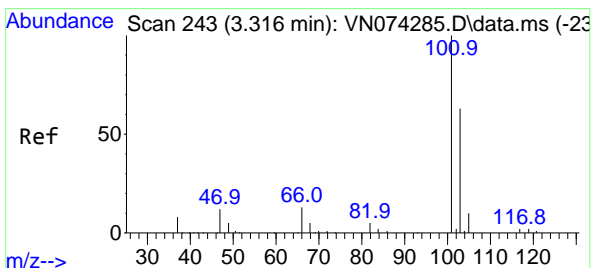
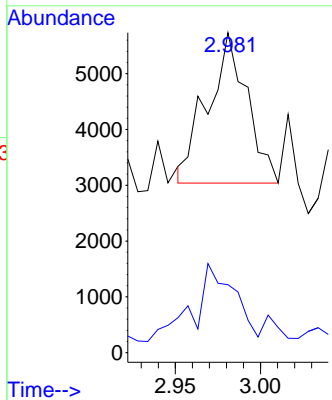
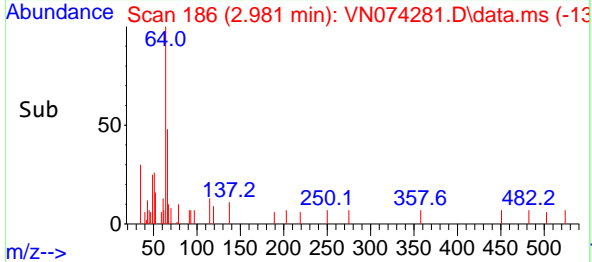
Tgt Ion: 64 Resp: 431  
 Ion Ratio Lower Upper  
 64 100  
 66 28.6 26.2 39.4

Manual Integrations

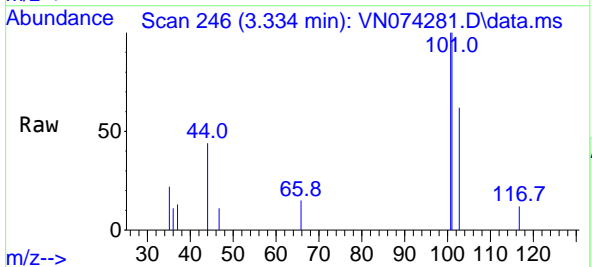
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Reviewed By :John Carlone 09/03/2022

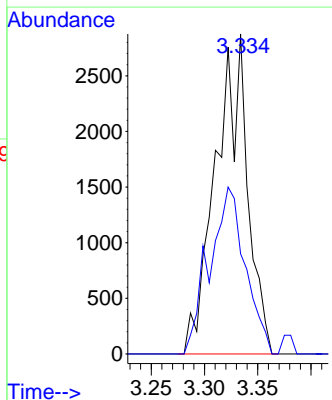
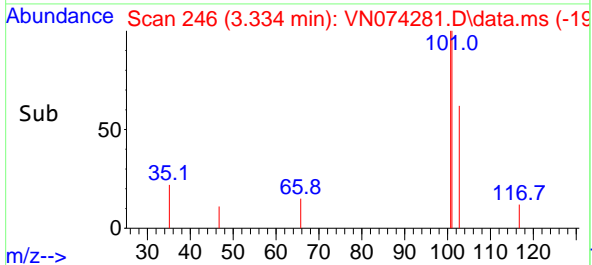
Supervised By :Mahesh Dadoda 09/06/2022

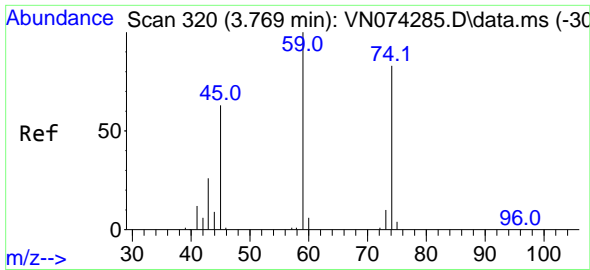


#7  
 Trichlorofluoromethane  
 Concen: 0.987 ug/l  
 RT: 3.334 min Scan# 246  
 Delta R.T. 0.024 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:101 Resp: 5986  
 Ion Ratio Lower Upper  
 101 100  
 103 31.3 51.5 77.3#





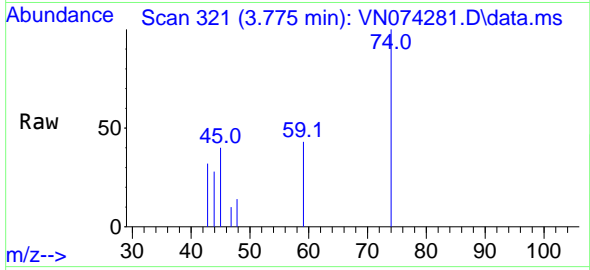
#8  
 Diethyl Ether  
 Concen: 0.884 ug/l  
 RT: 3.775 min Scan# 311  
 Delta R.T. 0.018 min  
 Lab File: VN074281.D  
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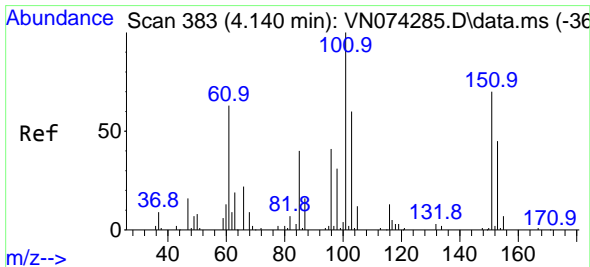
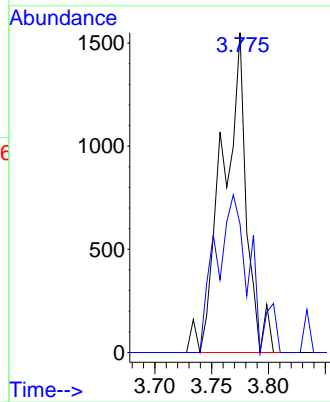
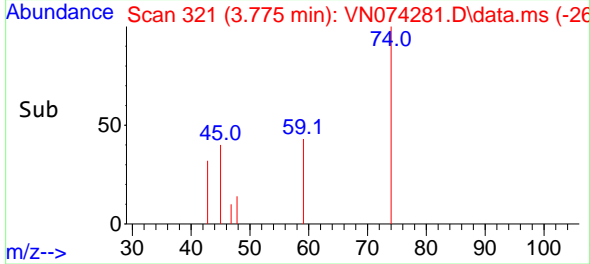
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 Ion Ratio Lower Upper  
 74 100  
 45 70.4 42.9 128.5

Manual Integrations

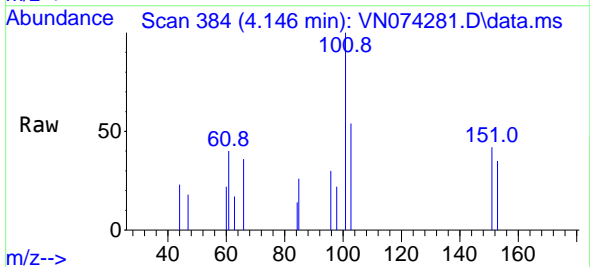
APPROVED

Reviewed By :John Carlone 09/03/2022

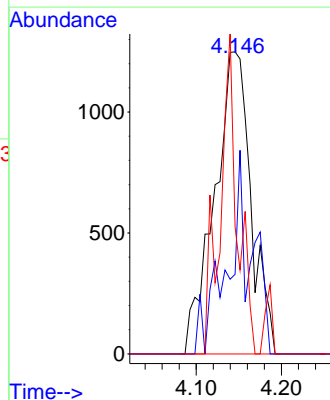
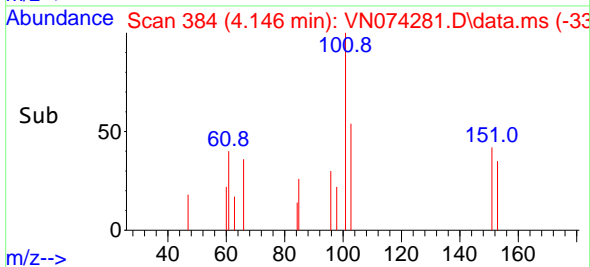
Supervised By :Mahesh Dadoda 09/06/2022

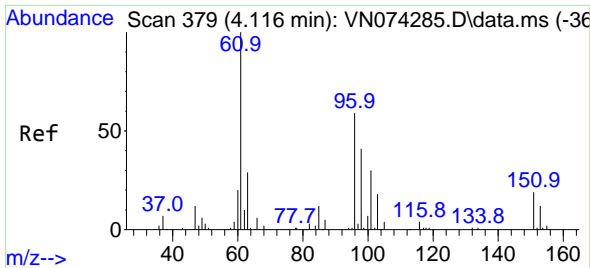


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 1.073 ug/l  
 RT: 4.146 min Scan# 384  
 Delta R.T. 0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:101 Resp: 3717  
 Ion Ratio Lower Upper  
 101 100  
 85 16.7 34.7 52.1#  
 151 50.6 63.0 94.4#





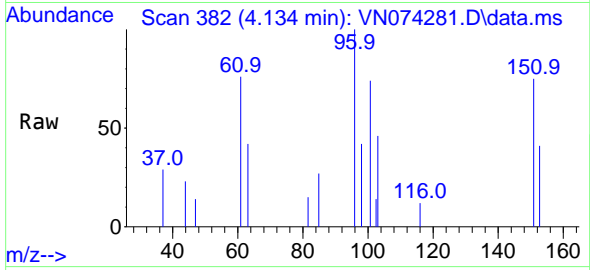
#12  
 1,1-Dichloroethene  
 Concen: 1.020 ug/l m  
 RT: 4.134 min Scan# 31  
 Delta R.T. 0.024 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001

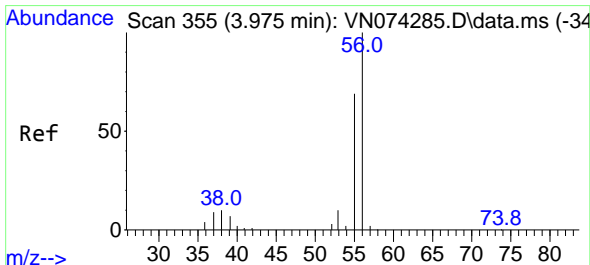
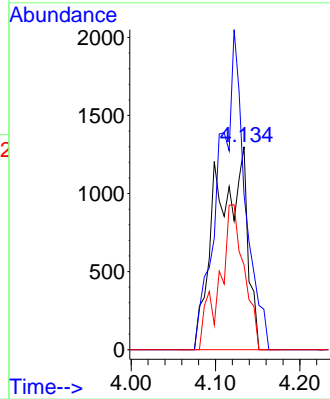
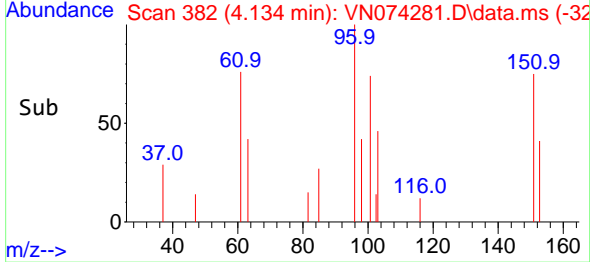


Tgt Ion: 96 Resp: 327  
 Ion Ratio Lower Upper  
 96 100  
 61 76.4 127.6 191.4  
 98 41.8 51.2 76.8

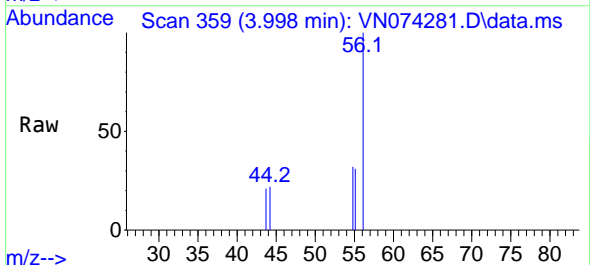
Manual Integrations

APPROVED

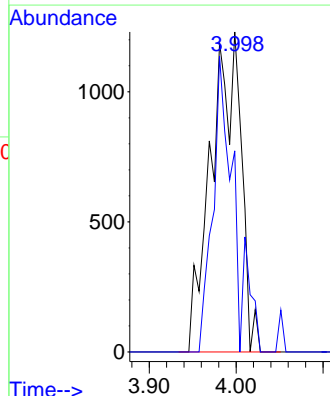
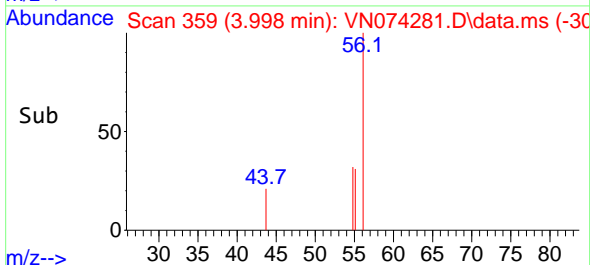
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022



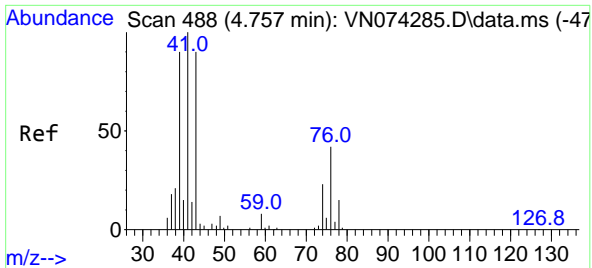
#13  
 Acrolein  
 Concen: 3.142 ug/l m  
 RT: 3.998 min Scan# 359  
 Delta R.T. 0.024 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 56 Resp: 2951  
 Ion Ratio Lower Upper  
 56 100  
 55 65.9 54.8 82.2

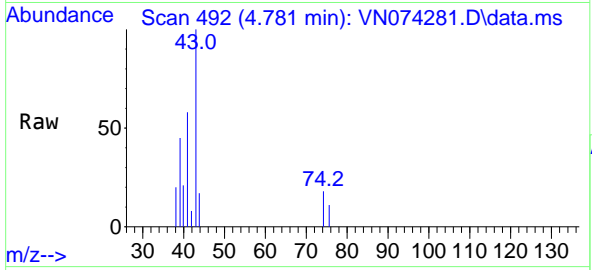






#14  
 Allyl chloride  
 Concen: 0.711 ug/l m  
 RT: 4.781 min Scan# 4  
 Delta R.T. 0.024 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

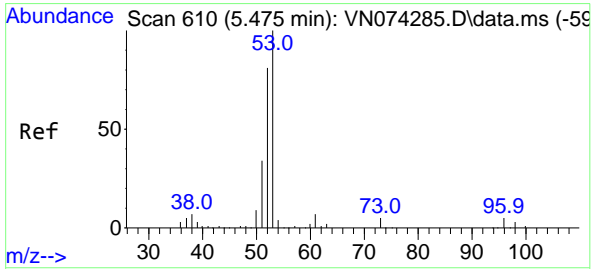
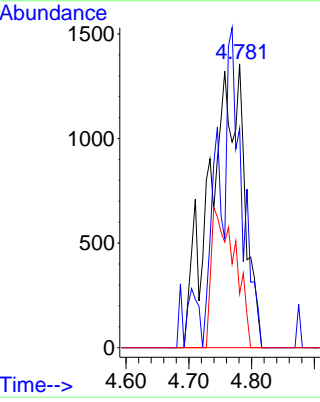
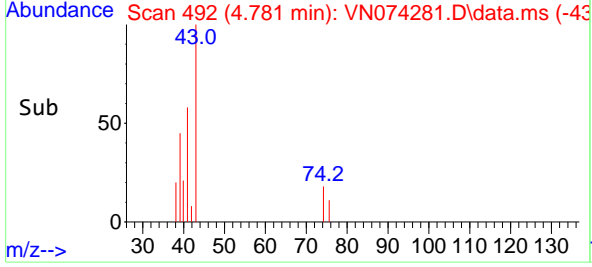
Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC001



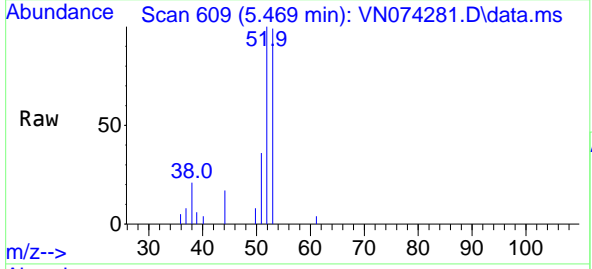
Tgt Ion: 41 Resp: 509

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 48.2  | 53.2  | 79.8  |
| 76  | 0.0   | 29.9  | 44.9  |

Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 09/03/2022  
 Supervised By : Mahesh Dadoda 09/06/2022

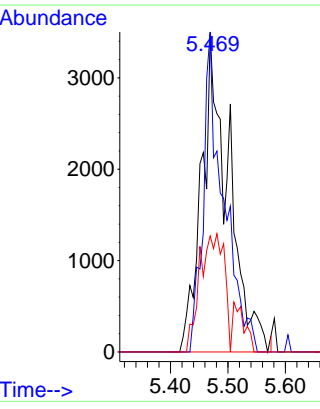
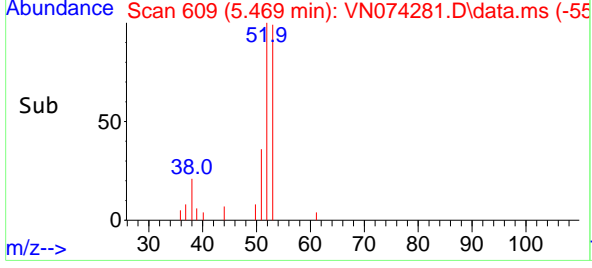


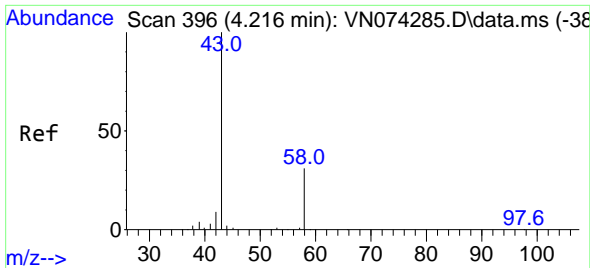
#15  
 Acrylonitrile  
 Concen: 3.730 ug/l m  
 RT: 5.469 min Scan# 609  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 53 Resp: 11449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 74.5  | 66.4  | 99.6  |
| 51  | 33.3  | 28.5  | 42.7  |





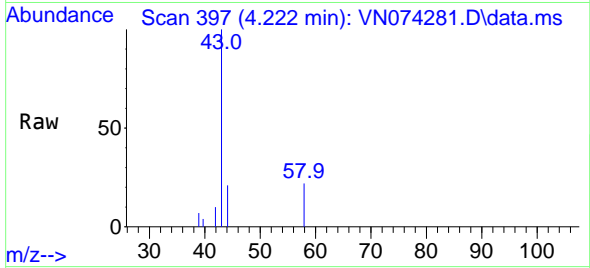
#16  
 Acetone  
 Concen: 3.724 ug/l  
 RT: 4.222 min Scan# 396  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

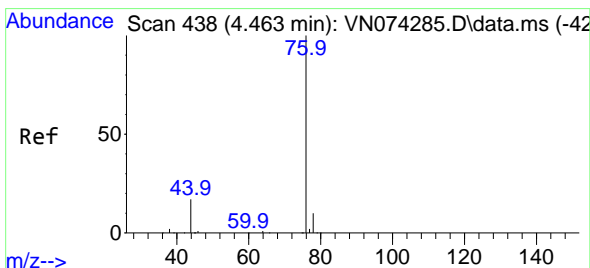
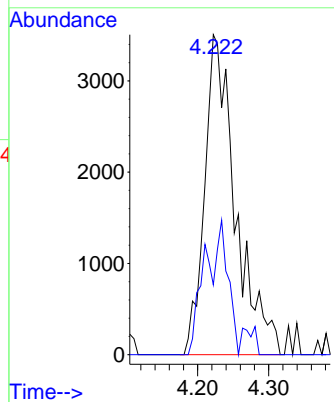
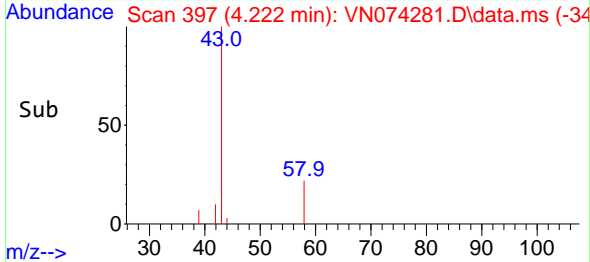


Tgt Ion: 43 Resp: 10574  
 Ion Ratio Lower Upper  
 43 100  
 58 21.8 26.0 39.0

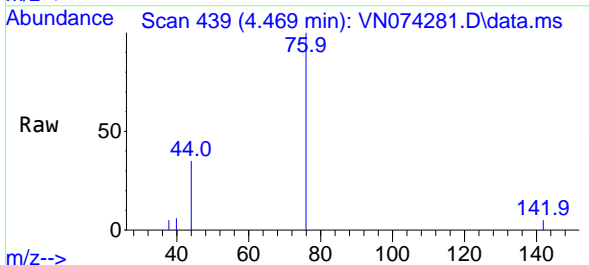
Manual Integrations

APPROVED

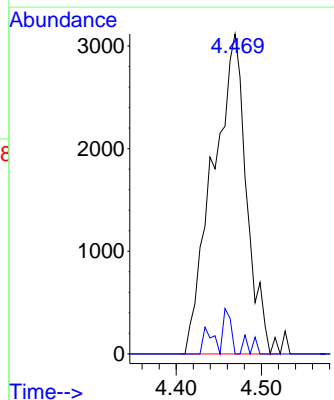
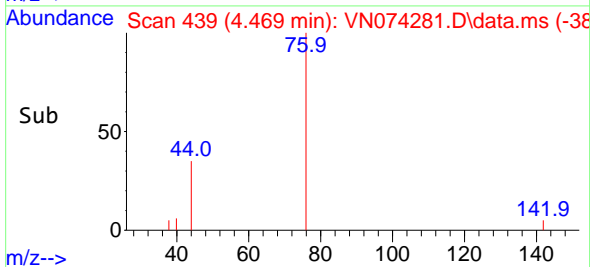
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

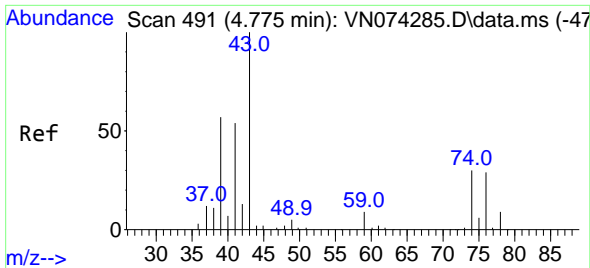


#17  
 Carbon Disulfide  
 Concen: 0.939 ug/l  
 RT: 4.469 min Scan# 439  
 Delta R.T. 0.018 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



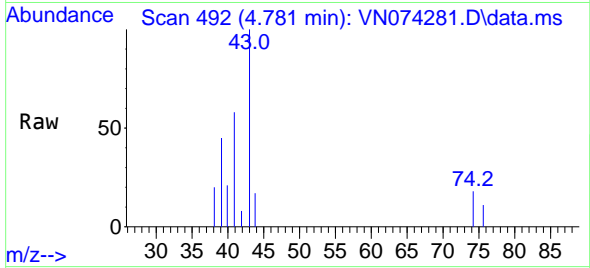
Tgt Ion: 76 Resp: 8579  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 7.2 10.8





#18  
Methyl Acetate  
Concen: 0.781 ug/l  
RT: 4.781 min Scan# 491  
Delta R.T. 0.006 min  
Lab File: VN074281.D  
Acq: 02 Sep 2022 11:46

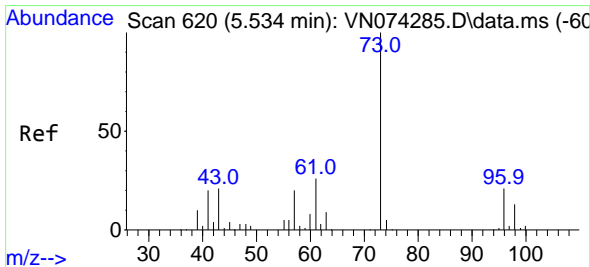
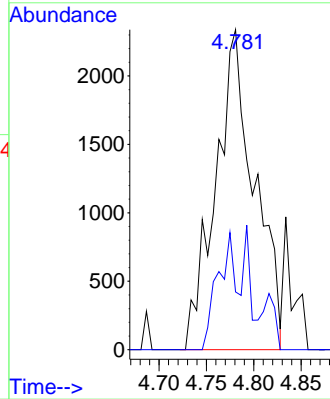
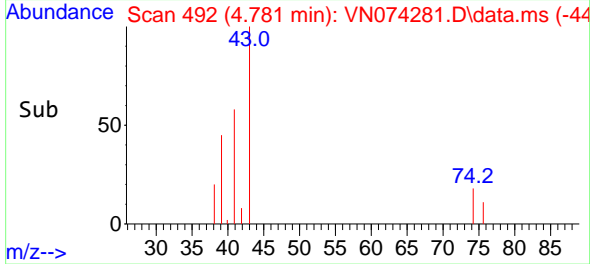
Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC001



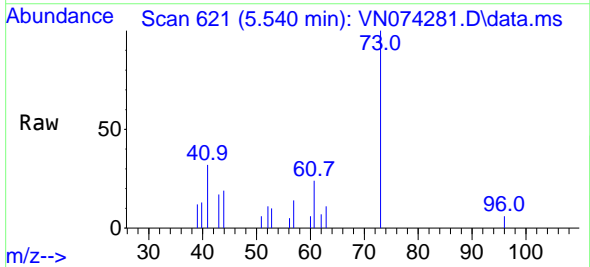
Tgt Ion: 43 Resp: 670  
Ion Ratio Lower Upper  
43 100  
74 18.0 21.6 32.4

Manual Integrations  
APPROVED

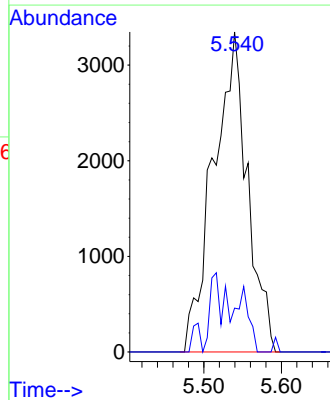
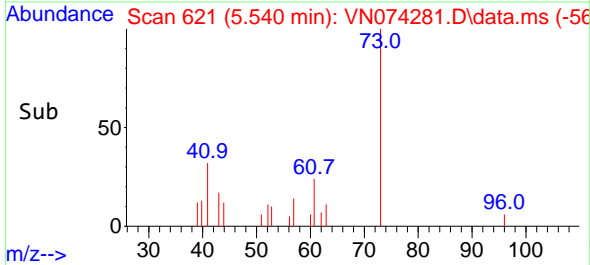
Reviewed By :John Carlone 09/03/2022  
Supervised By :Mahesh Dadoda 09/06/2022

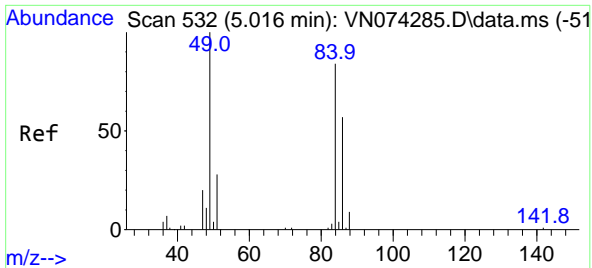


#19  
Methyl tert-butyl Ether  
Concen: 0.860 ug/l  
RT: 5.540 min Scan# 621  
Delta R.T. 0.006 min  
Lab File: VN074281.D  
Acq: 02 Sep 2022 11:46



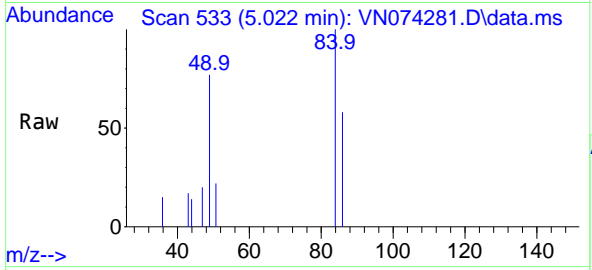
Tgt Ion: 73 Resp: 10211  
Ion Ratio Lower Upper  
73 100  
57 13.7 17.6 26.4





#20  
 Methylene Chloride  
 Concen: 1.006 ug/l  
 RT: 5.022 min Scan# 51  
 Delta R.T. 0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

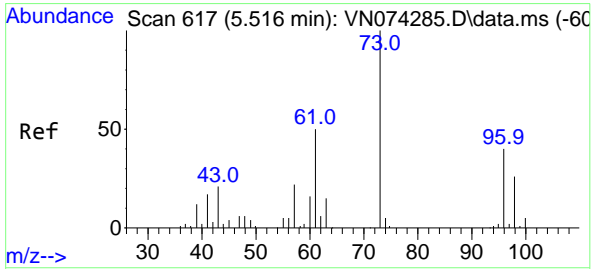
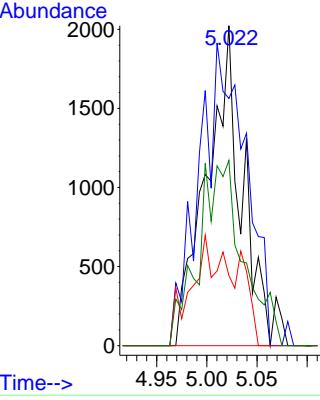
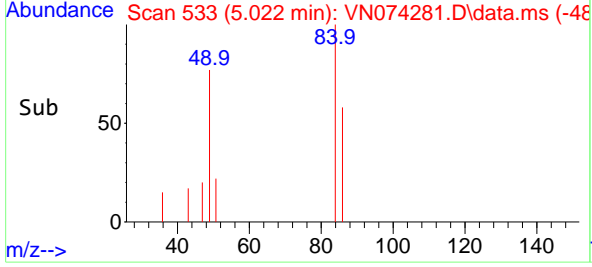
Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC001



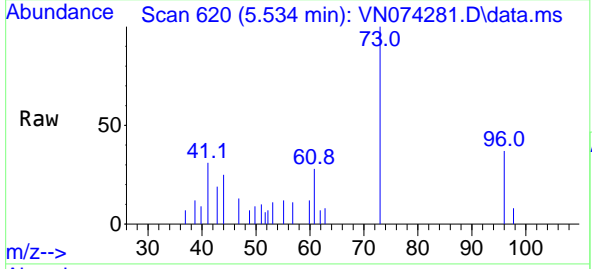
Tgt Ion: 84 Resp: 4872

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 77.3  | 88.3  | 132.5 |
| 51  | 21.9  | 28.2  | 42.2  |
| 86  | 57.9  | 50.6  | 76.0  |

Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 09/03/2022  
 Supervised By : Mahesh Dadoda 09/06/2022

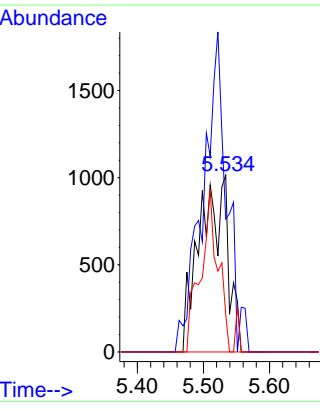
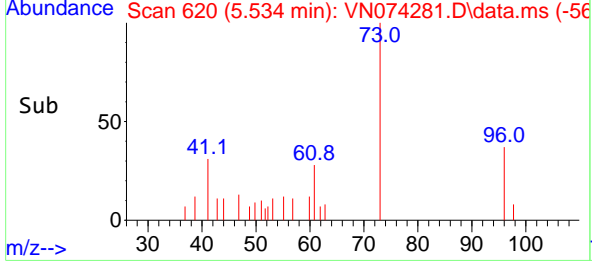


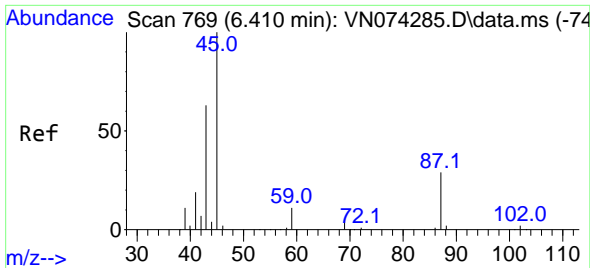
#21  
 trans-1,2-Dichloroethene  
 Concen: 0.823 ug/l m  
 RT: 5.534 min Scan# 620  
 Delta R.T. 0.018 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 96 Resp: 3052

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 75.3  | 105.8 | 158.8 |
| 98  | 21.1  | 50.3  | 75.5  |





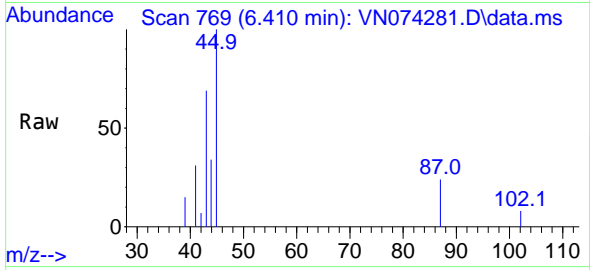
#22  
 Diisopropyl ether  
 Concen: 0.584 ug/l  
 RT: 6.410 min Scan# 769  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



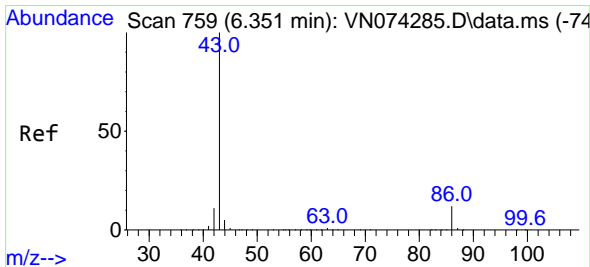
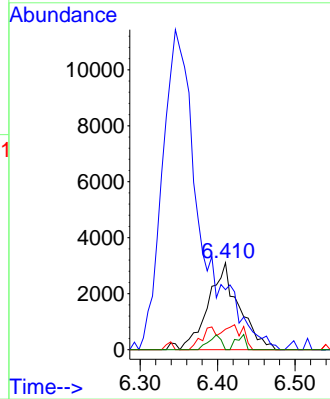
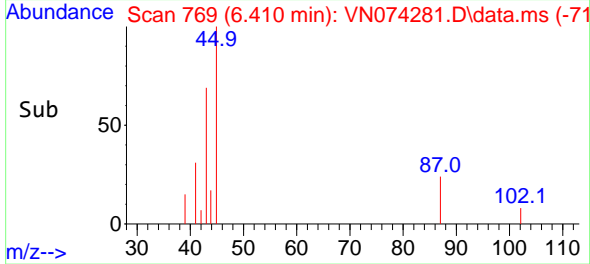
Tgt Ion: 45 Resp: 8520  
 Ion Ratio Lower Upper  
 45 100  
 43 69.2 46.6 70.0  
 87 23.6 24.3 36.5  
 59 0.0 9.6 14.4#

Manual Integrations

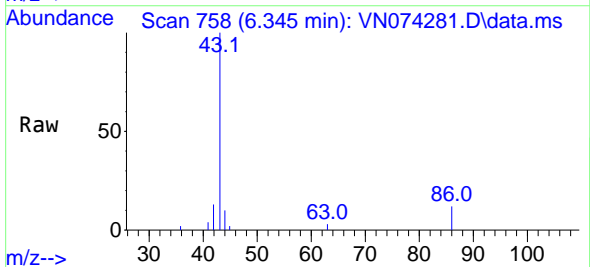
APPROVED

Reviewed By :John Carlone 09/03/2022

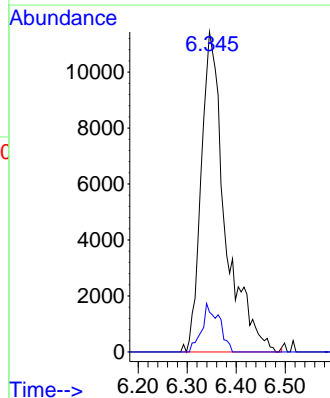
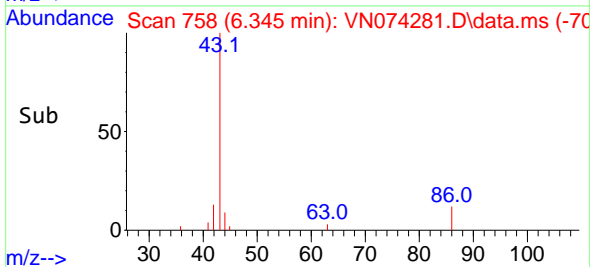
Supervised By :Mahesh Dadoda 09/06/2022

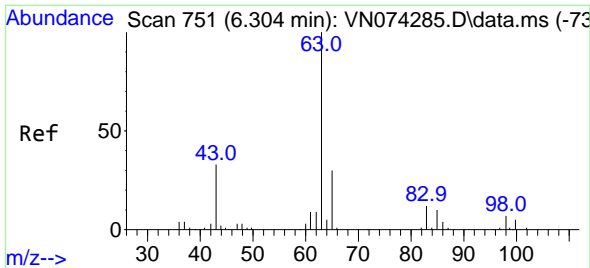


#23  
 Vinyl Acetate  
 Concen: 3.162 ug/l m  
 RT: 6.345 min Scan# 758  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 43 Resp: 38950  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 10.0 15.0





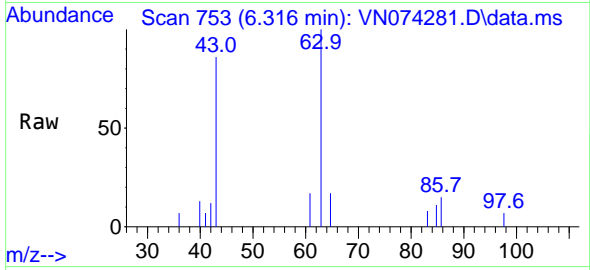
#24  
 1,1-Dichloroethane  
 Concen: 0.869 ug/l m  
 RT: 6.316 min Scan# 751  
 Delta R.T. 0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

Client SampleId :

VSTDIC001



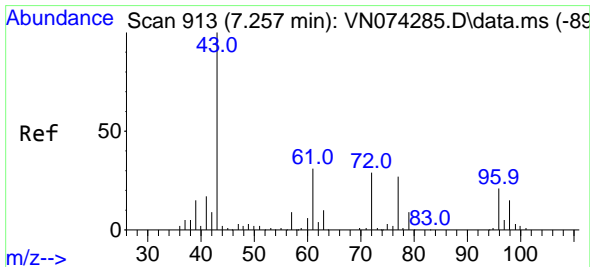
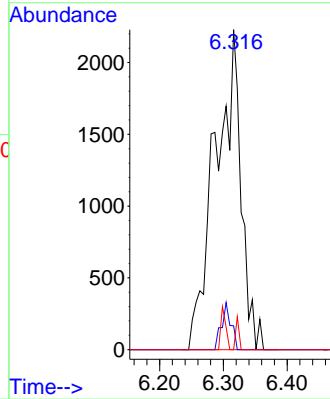
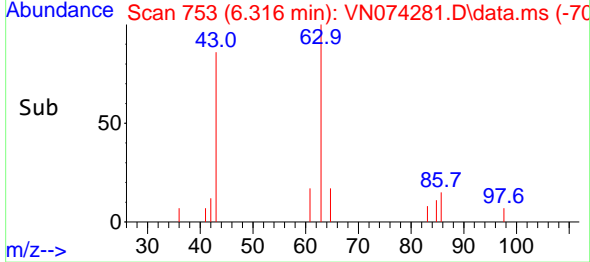
Tgt Ion: 63 Resp: 6250  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.4  
 100 0.0 2.3 6.8

Manual Integrations

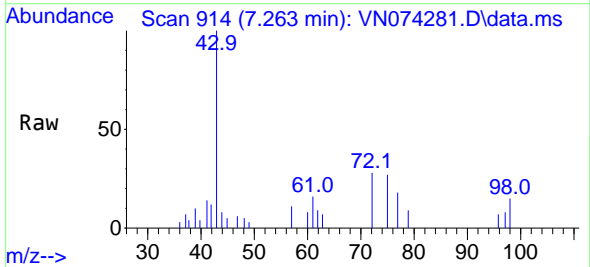
APPROVED

Reviewed By :John Carlone 09/03/2022

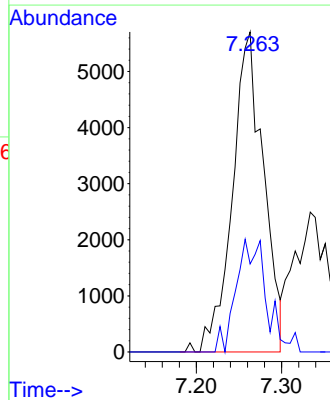
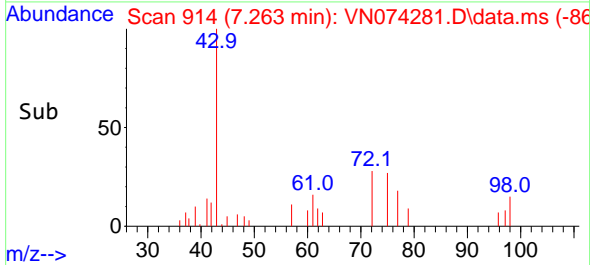
Supervised By :Mahesh Dadoda 09/06/2022

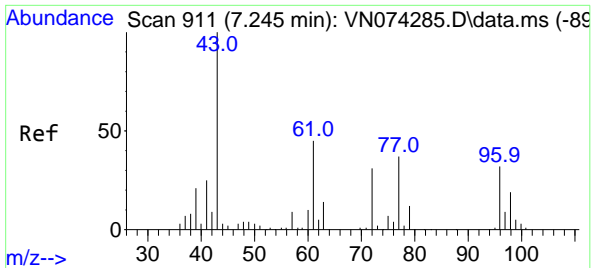


#25  
 2-Butanone  
 Concen: 3.182 ug/l  
 RT: 7.263 min Scan# 914  
 Delta R.T. 0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



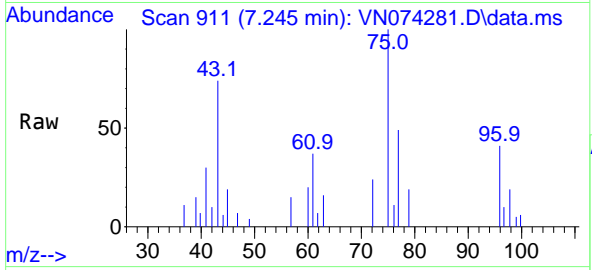
Tgt Ion: 43 Resp: 14452  
 Ion Ratio Lower Upper  
 43 100  
 72 27.5 23.7 35.5





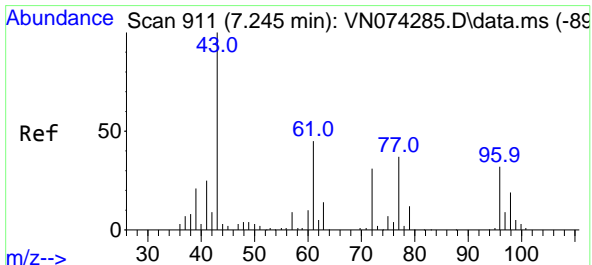
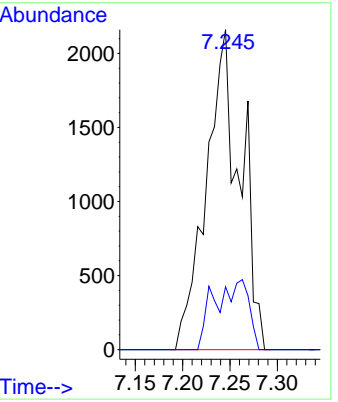
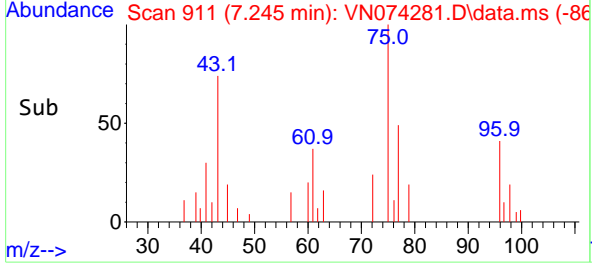
#26  
 2,2-Dichloropropane  
 Concen: 1.074 ug/l  
 RT: 7.245 min Scan# 911  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument : MSVOA\_N  
 ClientSampleId : VSTDIC001

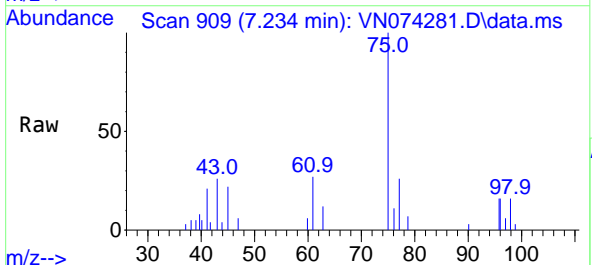


Tgt Ion: 77 Resp: 5378  
 Ion Ratio Lower Upper  
 77 100  
 97 14.4 11.4 34.2

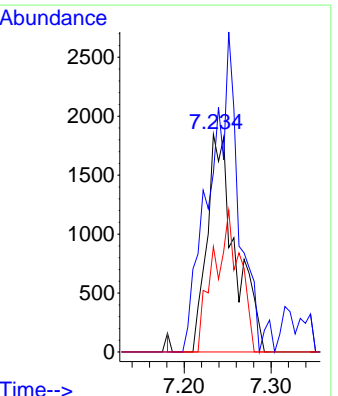
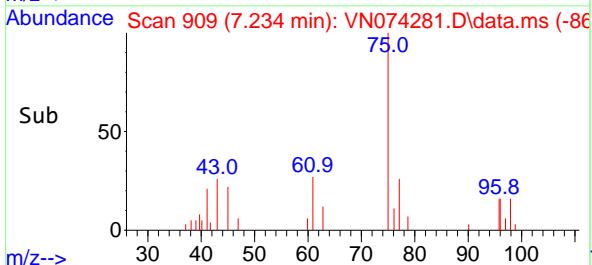
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

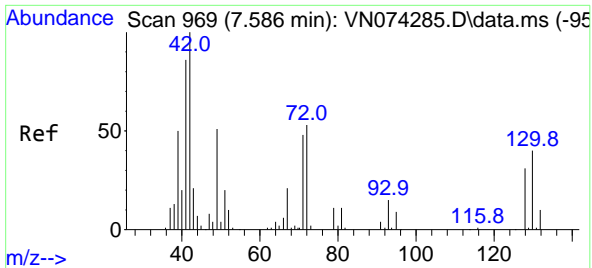


#27  
 cis-1,2-Dichloroethene  
 Concen: 1.005 ug/l m  
 RT: 7.234 min Scan# 909  
 Delta R.T. -0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



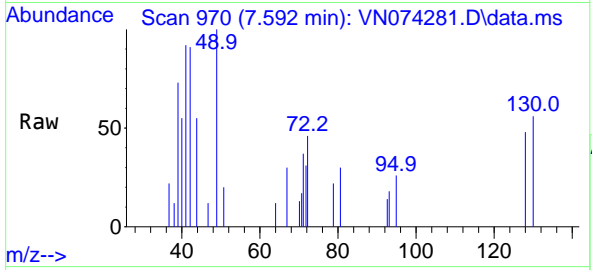
Tgt Ion: 96 Resp: 4162  
 Ion Ratio Lower Upper  
 96 100  
 61 149.0 0.0 280.6  
 98 60.9 0.0 128.4





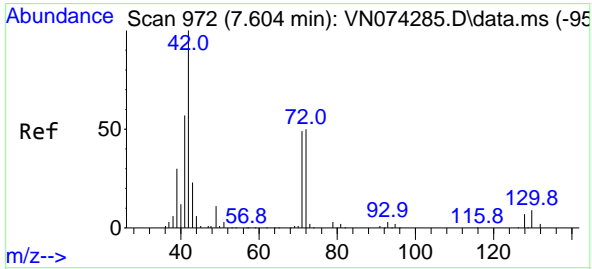
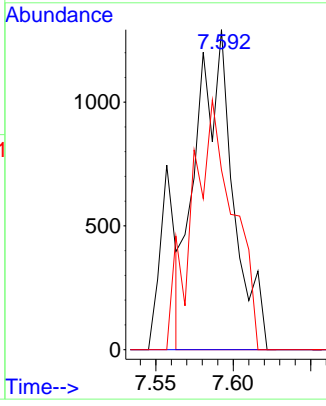
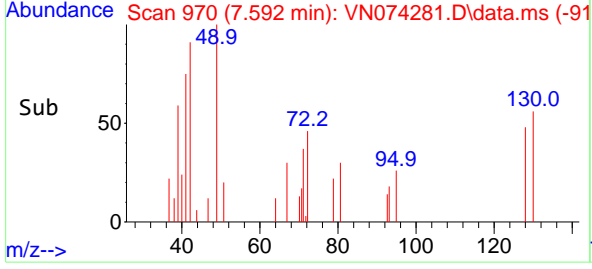
#28  
 Bromochloromethane  
 Concen: 0.748 ug/l  
 RT: 7.592 min Scan# 911  
 Delta R.T. 0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC001

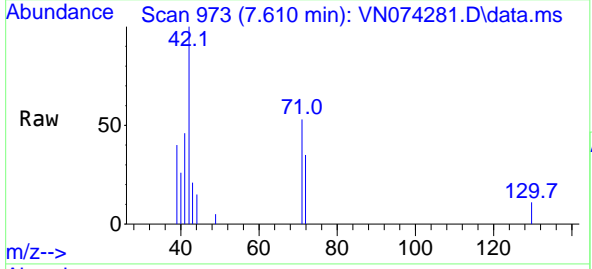


Tgt Ion: 49 Resp: 214  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 4.6  
 130 86.9 69.7 104.5

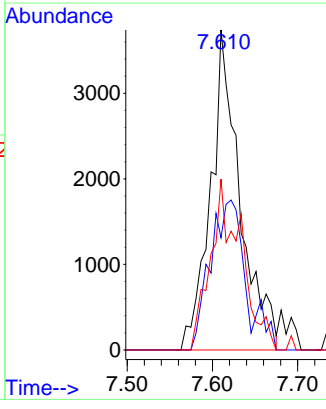
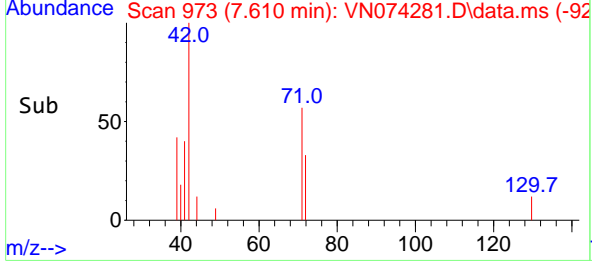
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022



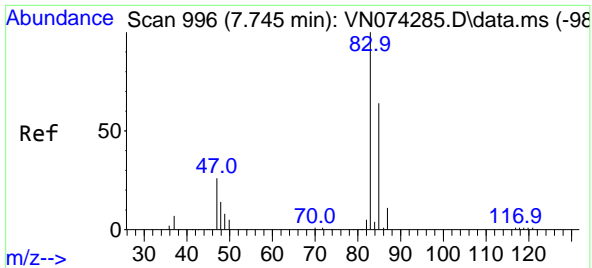
#29  
 Tetrahydrofuran  
 Concen: 3.117 ug/l  
 RT: 7.610 min Scan# 973  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 42 Resp: 9016  
 Ion Ratio Lower Upper  
 42 100  
 72 50.0 39.7 59.5  
 71 55.7 36.6 55.0#







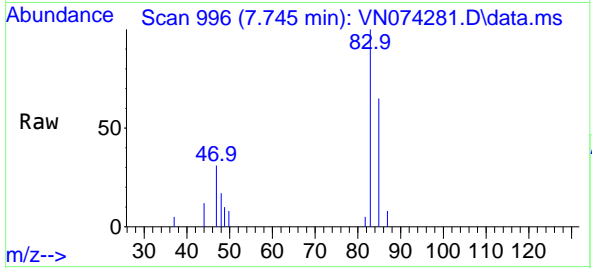
#30  
 Chloroform  
 Concen: 0.943 ug/l  
 RT: 7.745 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

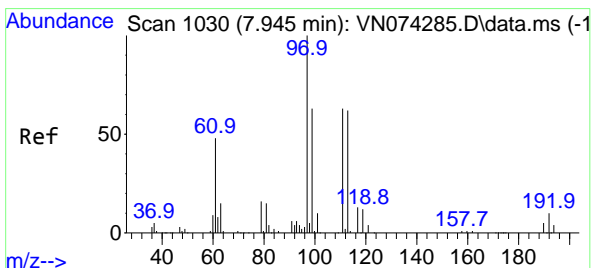
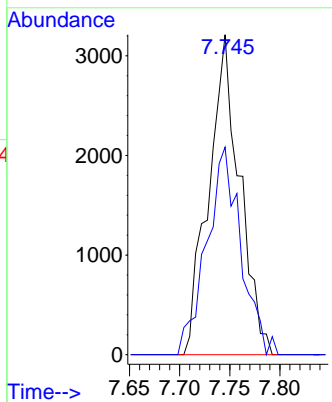
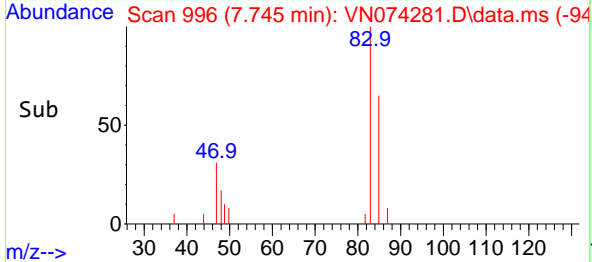


Tgt Ion: 83 Resp: 692  
 Ion Ratio Lower Upper  
 83 100  
 85 64.9 51.8 77.8

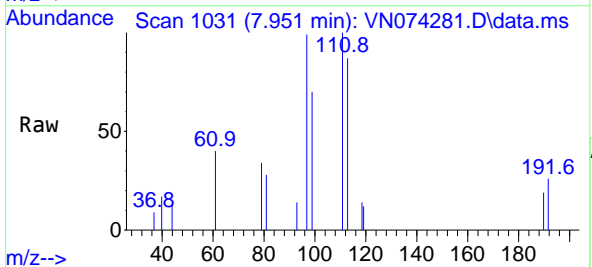
Manual Integrations

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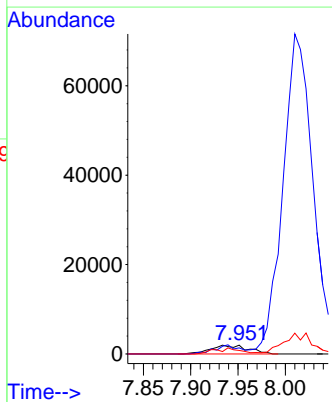
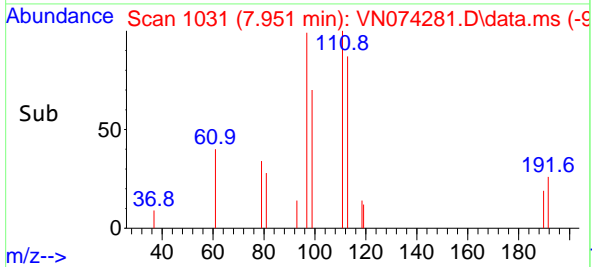
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

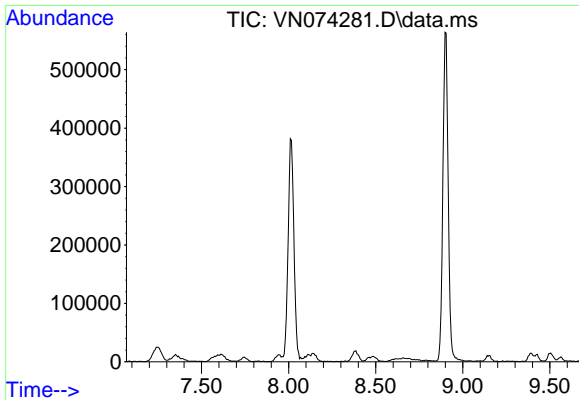


#32  
 1,1,1-Trichloroethane  
 Concen: 0.944 ug/l  
 RT: 7.951 min Scan# 1031  
 Delta R.T. 0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 97 Resp: 5329  
 Ion Ratio Lower Upper  
 97 100  
 99 0.0 50.6 76.0#  
 61 50.4 36.0 54.0





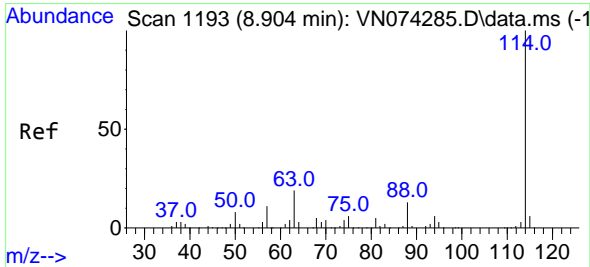
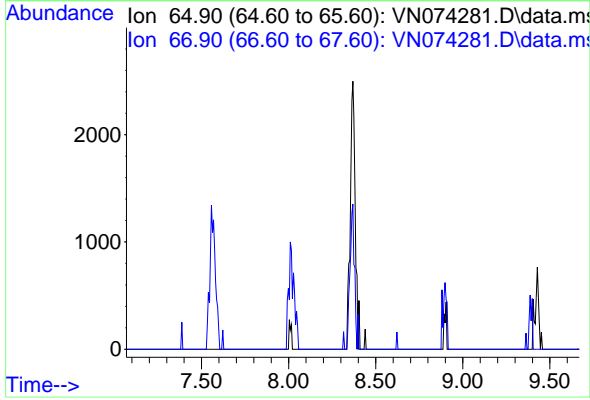
#33  
 1,2-Dichloroethane-d4  
 Concen: 0.000 ug/l  
 Expected RT: 8.37 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

**Instrument :**  
 MSVOA\_N  
**ClientSampleId :**  
 VSTDICC001

Tgt Ion: 65  
 Sig Exp Ratio  
 65 100  
 67 52.4

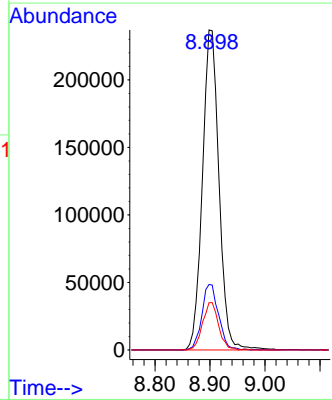
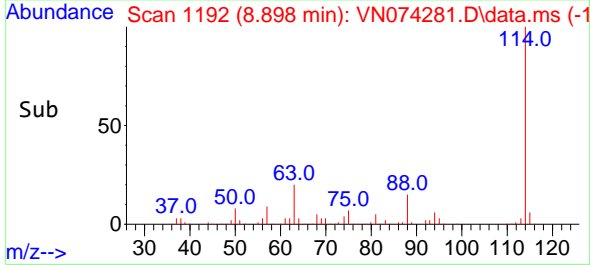
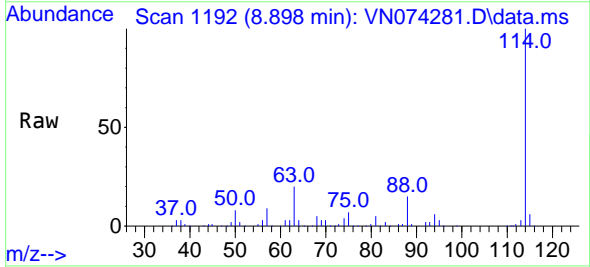
**Manual Integrations**  
**APPROVED**

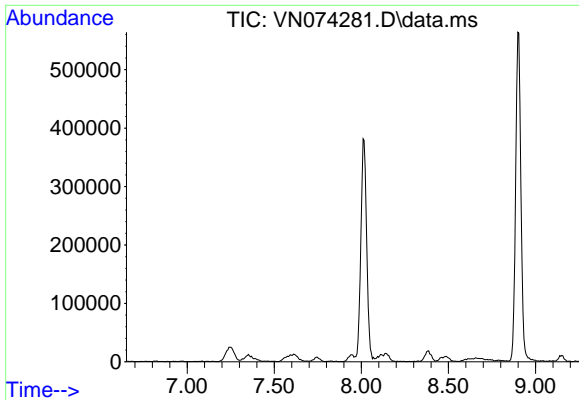
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.898 min Scan# 1192  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Tgt Ion:114 Resp: 496563  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 40.0  
 88 14.8 0.0 32.6





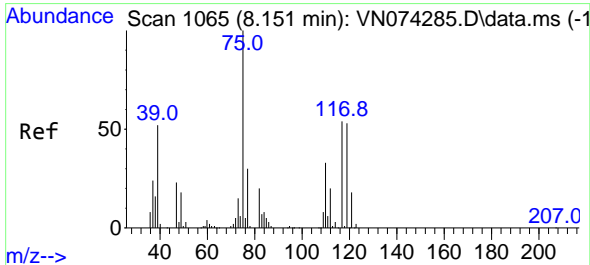
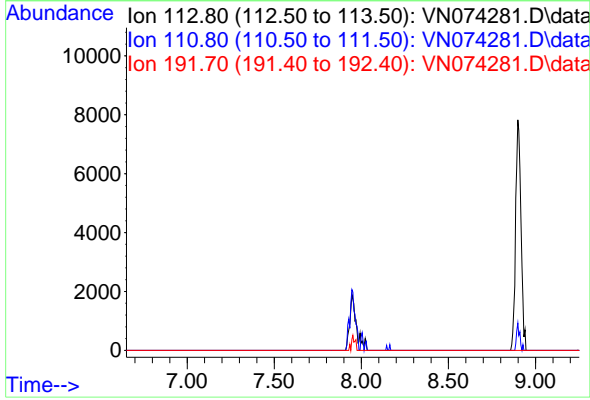
#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 7.95 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

**Instrument :**  
 MSVOA\_N  
**ClientSampleId :**  
 VSTDIC001

Tgt Ion: 113  
 Sig Exp Ratio  
 113 100  
 111 101.7  
 192 21.3

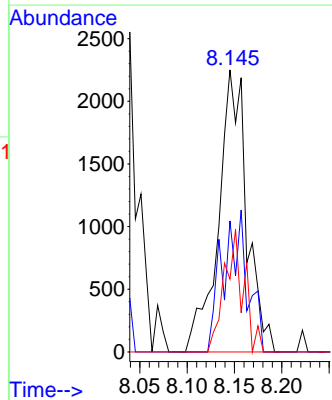
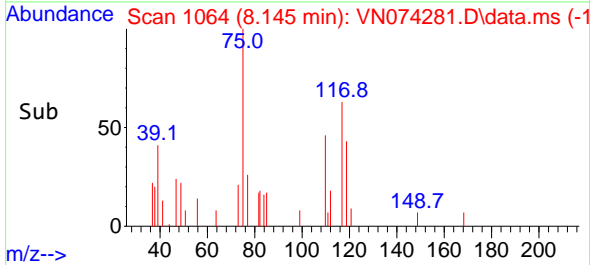
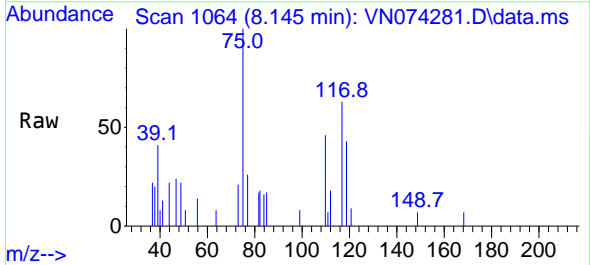
**Manual Integrations**  
**APPROVED**

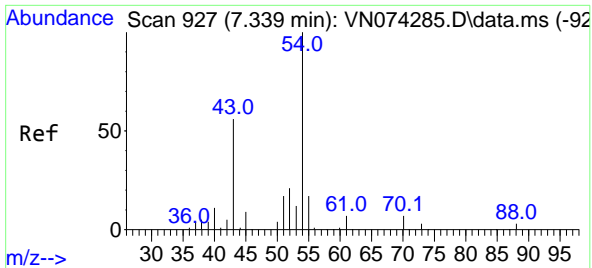
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022



#36  
 1,1-Dichloropropene  
 Concen: 0.896 ug/l  
 RT: 8.145 min Scan# 1064  
 Delta R.T. -0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

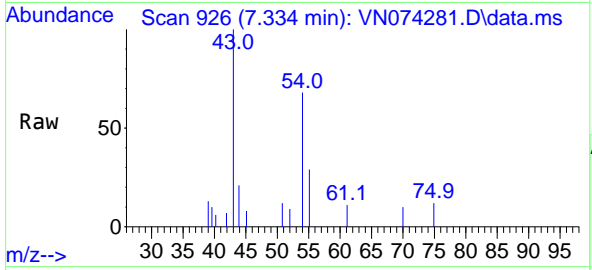
Tgt Ion: 75 Resp: 4695  
 Ion Ratio Lower Upper  
 75 100  
 110 42.8 18.3 54.8  
 77 29.4 25.1 37.7





#37  
 Ethyl Acetate  
 Concen: 0.870 ug/l  
 RT: 7.334 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

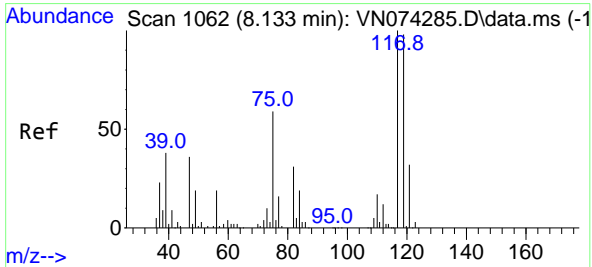
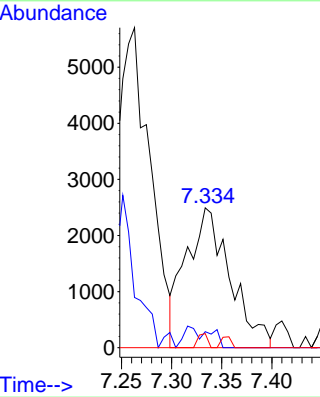
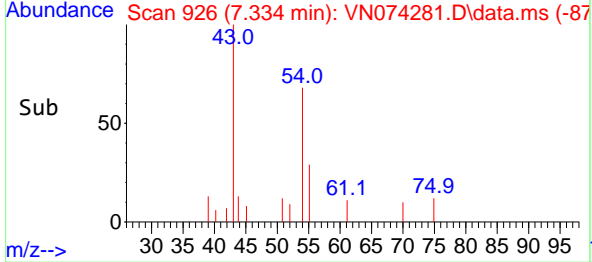
Instrument : MSVOA\_N  
 ClientSampleId : VSTDIC001



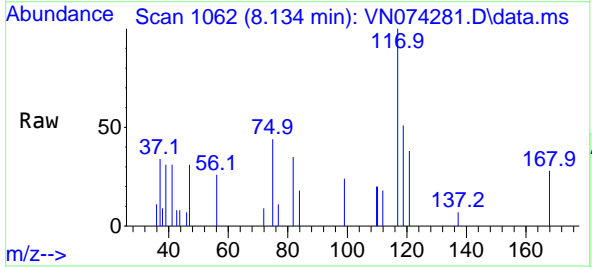
Tgt Ion: 43 Resp: 763

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 4.8   | 11.8  | 17.6  |
| 70  | 2.2   | 9.3   | 13.9  |

Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

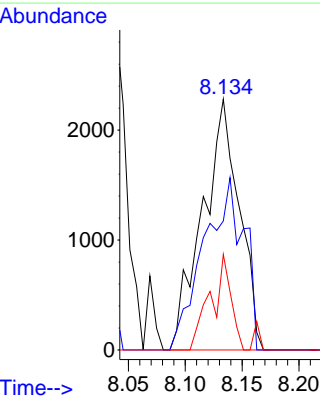
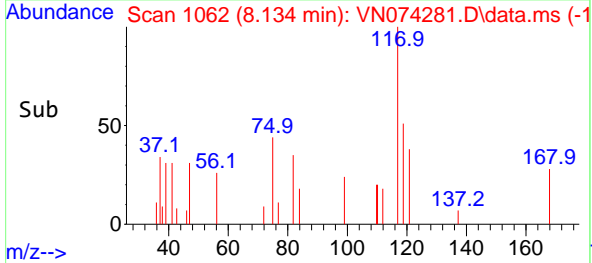


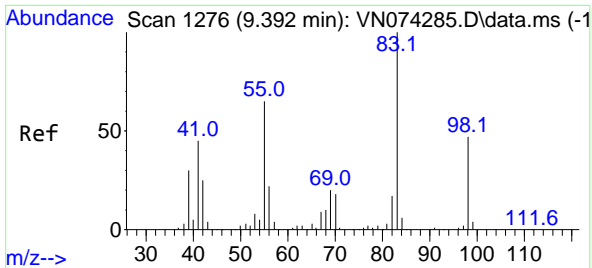
#38  
 Carbon Tetrachloride  
 Concen: 1.027 ug/l  
 RT: 8.134 min Scan# 1062  
 Delta R.T. 0.001 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:117 Resp: 5146

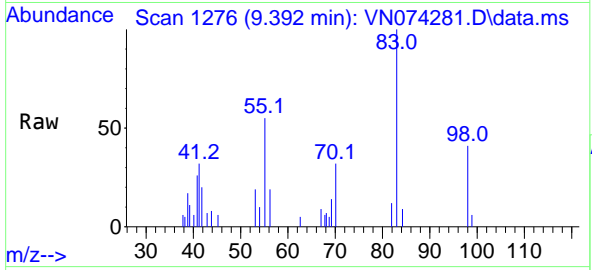
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 117 | 100   |       |        |
| 119 | 51.4  | 75.8  | 113.8# |
| 121 | 38.1  | 24.6  | 37.0#  |





#39  
 Methylcyclohexane  
 Concen: 0.961 ug/l  
 RT: 9.392 min Scan# 1104  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

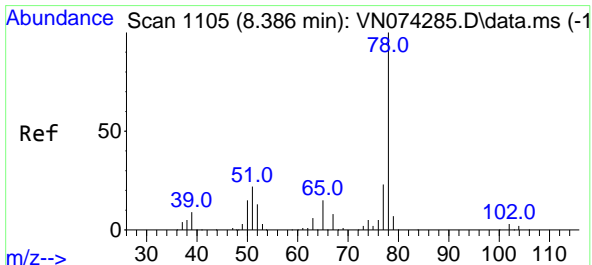
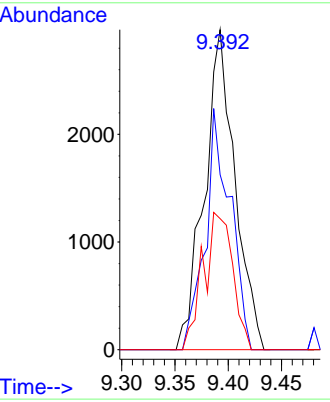
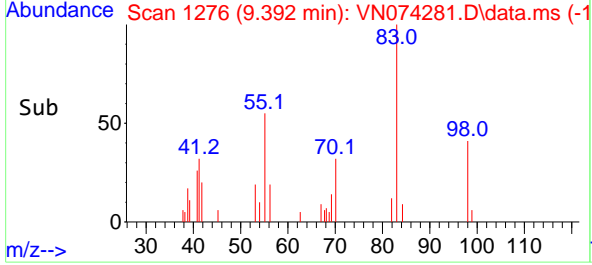
Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC001



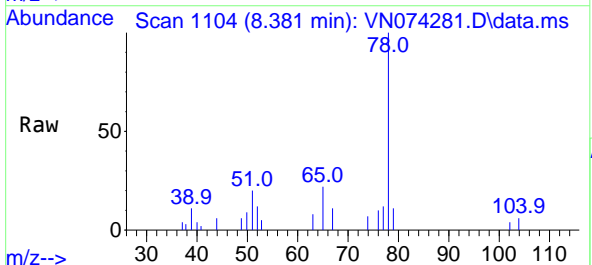
Tgt Ion: 83 Resp: 5910

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 54.7  | 57.8  | 86.8  |
| 98  | 40.9  | 39.4  | 59.2  |

Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 09/03/2022  
 Supervised By : Mahesh Dadoda 09/06/2022

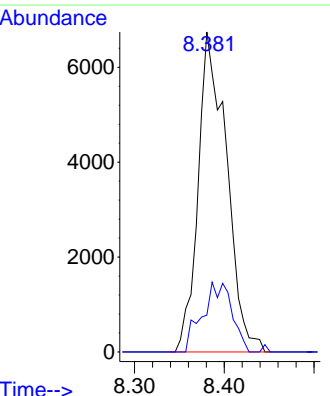
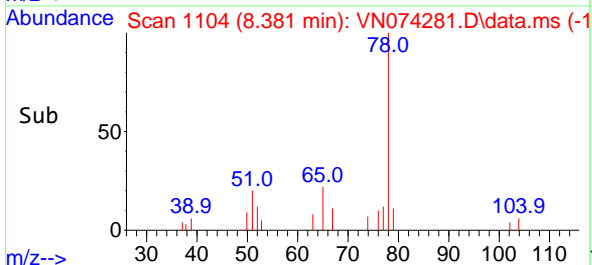


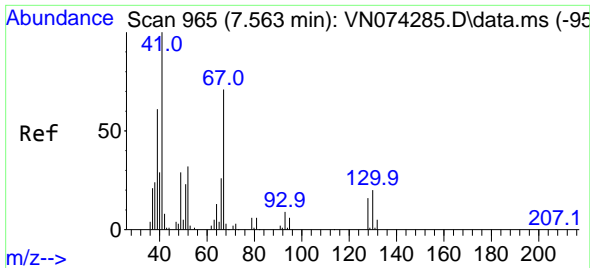
#40  
 Benzene  
 Concen: 0.901 ug/l  
 RT: 8.381 min Scan# 1104  
 Delta R.T. -0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 78 Resp: 14828

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 11.5  | 19.4  | 29.0  |





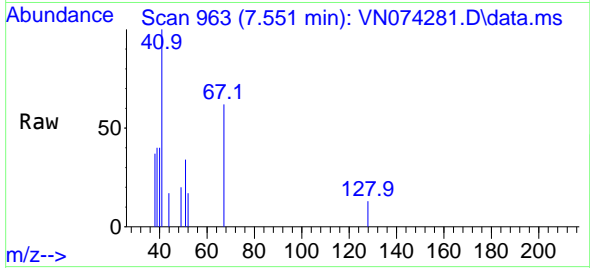
#41  
 Methacrylonitrile  
 Concen: 0.712 ug/l m  
 RT: 7.551 min Scan# 90  
 Delta R.T. -0.018 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

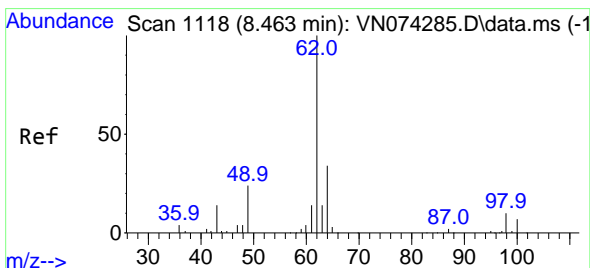
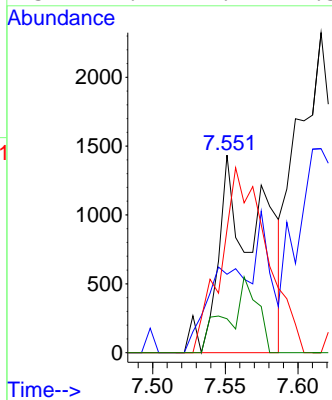
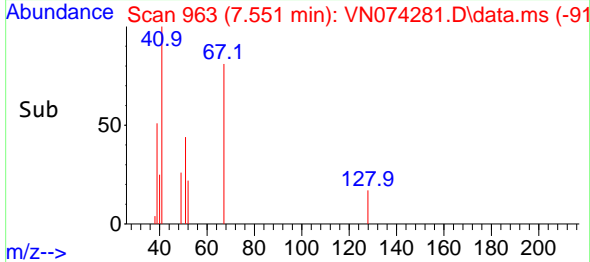


Tgt Ion: 41 Resp: 288  
 Ion Ratio Lower Upper  
 41 100  
 39 39.0 48.6 73.0  
 67 102.5 73.4 110.2  
 52 27.1 27.7 41.5#

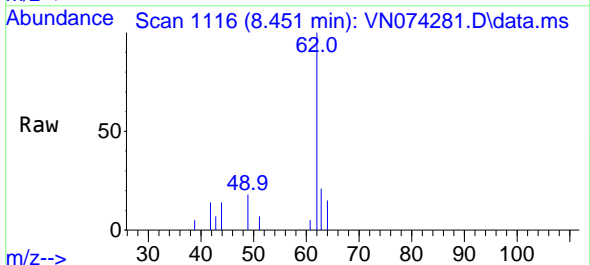
Manual Integrations

APPROVED

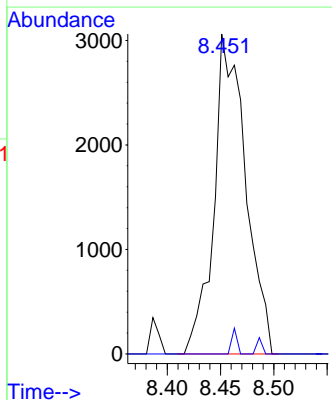
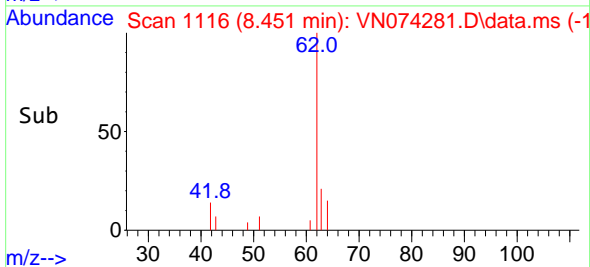
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

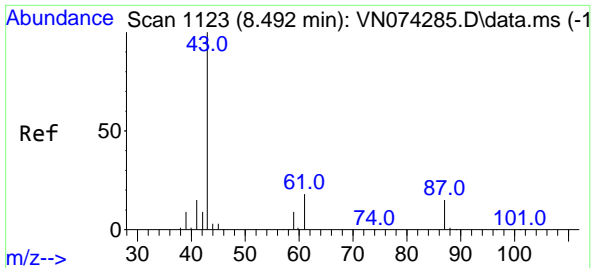


#42  
 1,2-Dichloroethane  
 Concen: 1.081 ug/l  
 RT: 8.451 min Scan# 1116  
 Delta R.T. -0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 62 Resp: 6335  
 Ion Ratio Lower Upper  
 62 100  
 98 1.4 0.0 19.4





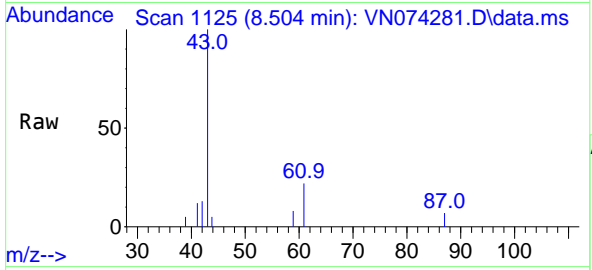
#43  
 Isopropyl Acetate  
 Concen: 0.753 ug/l  
 RT: 8.504 min Scan# 1125  
 Delta R.T. 0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



Tgt Ion: 43 Resp: 8870

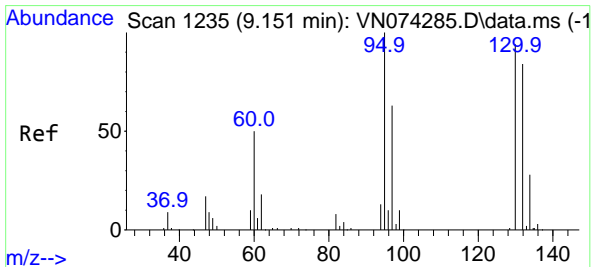
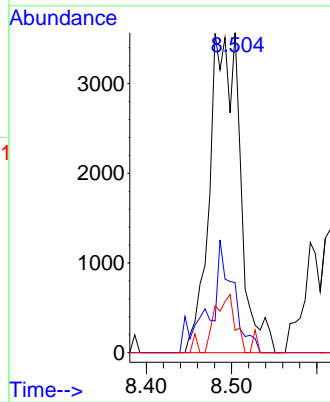
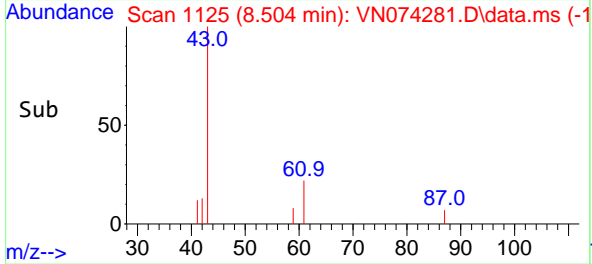
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 27.5  | 21.9  | 32.9  |
| 87  | 11.8  | 12.0  | 18.0  |

Manual Integrations

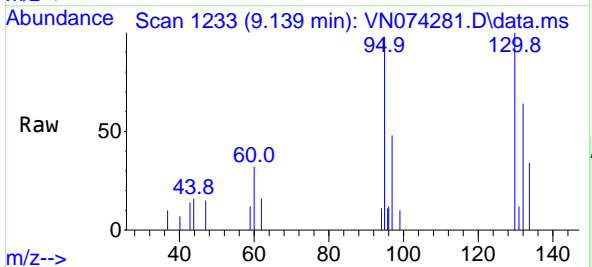
APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022

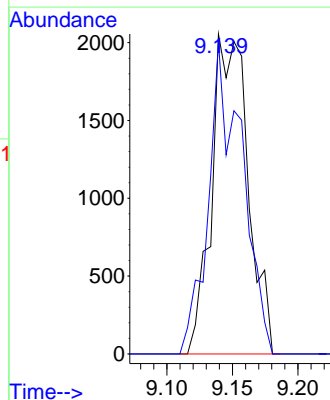
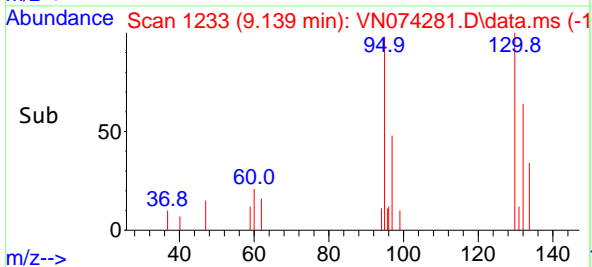


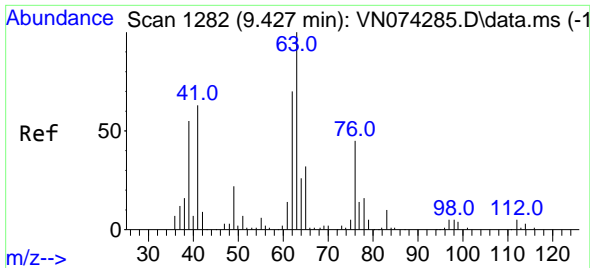
#44  
 Trichloroethene  
 Concen: 1.076 ug/l  
 RT: 9.139 min Scan# 1233  
 Delta R.T. -0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:130 Resp: 3958

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 97.7  | 0.0   | 186.8 |





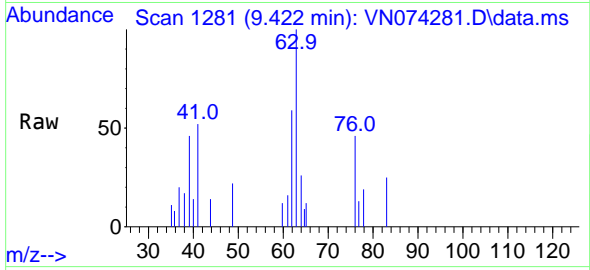
#45  
 1,2-Dichloropropane  
 Concen: 0.829 ug/l  
 RT: 9.422 min Scan# 1281  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001



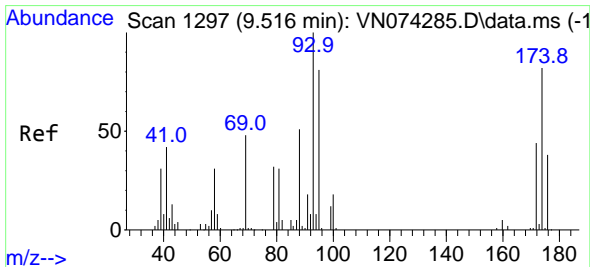
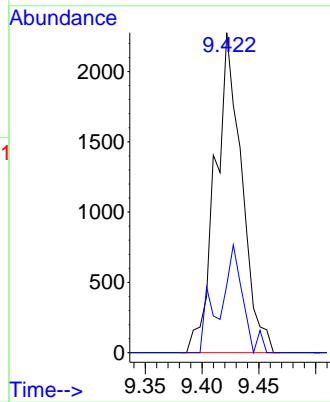
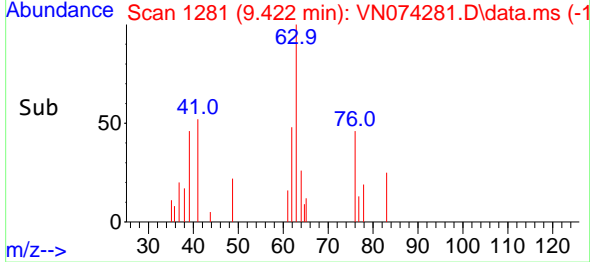
Tgt Ion: 63 Resp: 3680  
 Ion Ratio Lower Upper  
 63 100  
 65 21.1 24.9 37.3#

Manual Integrations

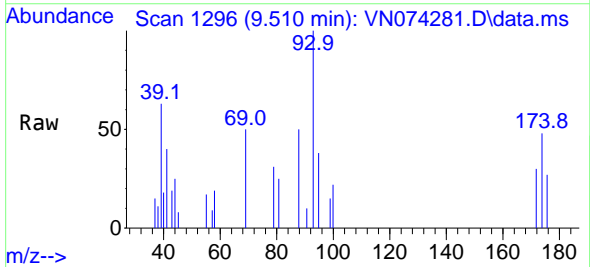
APPROVED

Reviewed By :John Carlone 09/03/2022

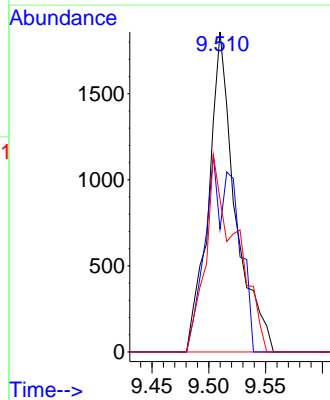
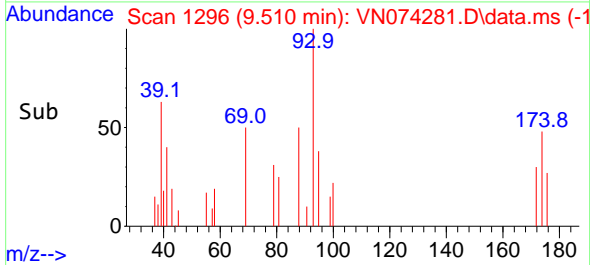
Supervised By :Mahesh Dadoda 09/06/2022



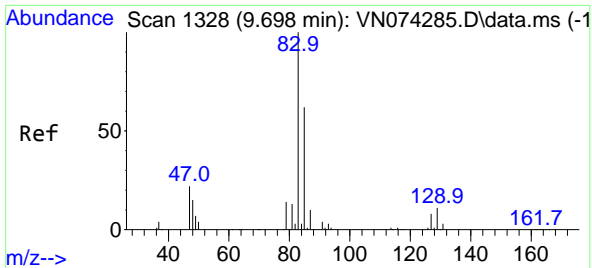
#46  
 Dibromomethane  
 Concen: 1.024 ug/l  
 RT: 9.510 min Scan# 1296  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 93 Resp: 3040  
 Ion Ratio Lower Upper  
 93 100  
 95 36.8 66.9 100.3#  
 174 70.6 86.6 130.0#

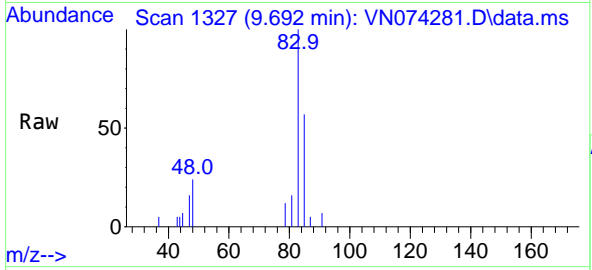






#47  
 Bromodichloromethane  
 Concen: 0.776 ug/l  
 RT: 9.692 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

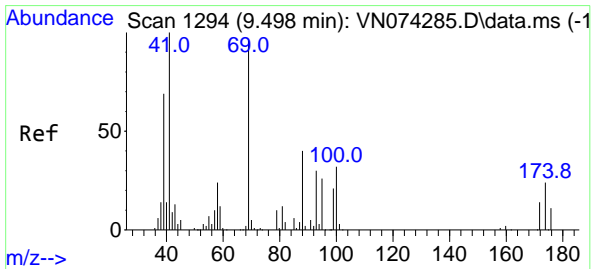
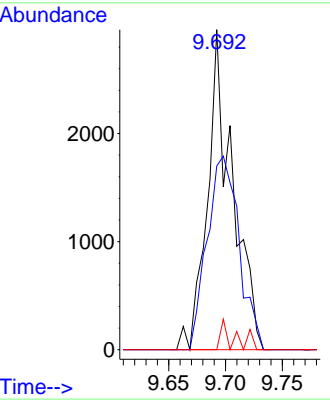
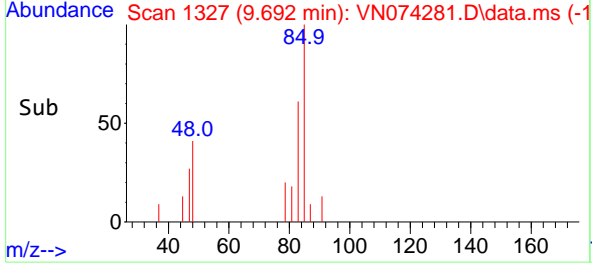
Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC001



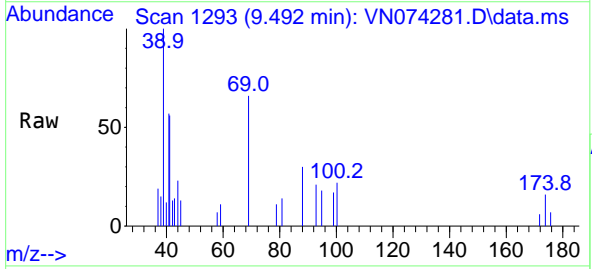
Tgt Ion: 83 Resp: 4510

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 57.4  | 50.5  | 75.7  |
| 127 | 0.0   | 6.8   | 10.2  |

Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 09/03/2022  
 Supervised By : Mahesh Dadoda 09/06/2022

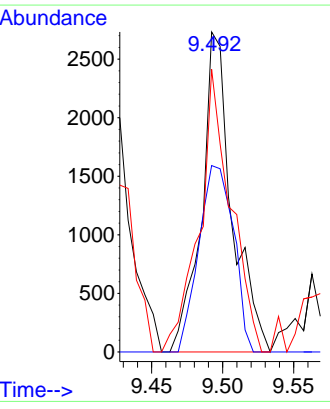
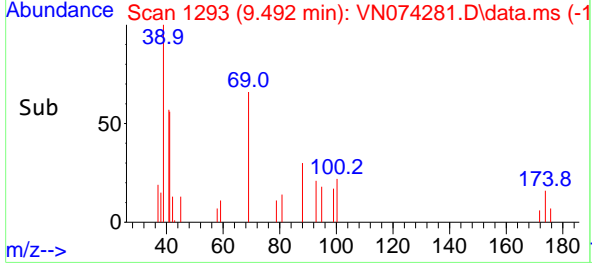


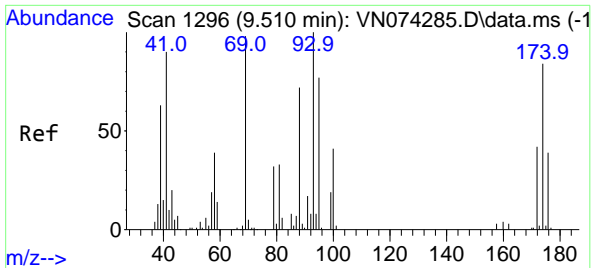
#48  
 Methyl methacrylate  
 Concen: 0.726 ug/l  
 RT: 9.492 min Scan# 1293  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 41 Resp: 4067

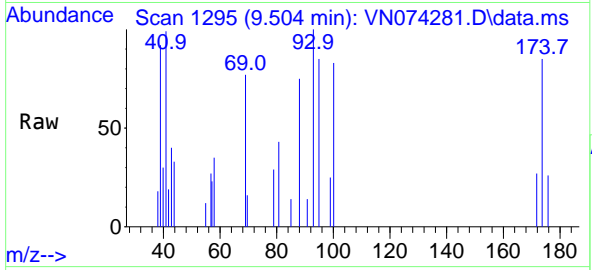
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 41  | 100   |       |        |
| 69  | 66.7  | 74.7  | 112.1# |
| 39  | 91.2  | 45.6  | 68.4#  |





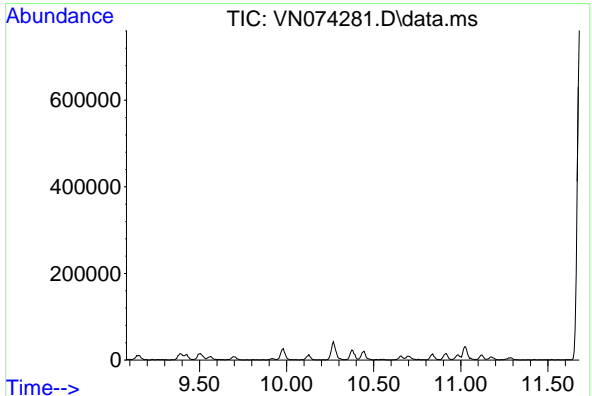
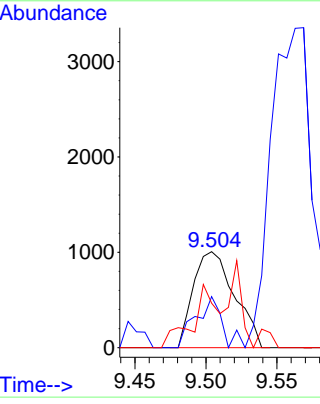
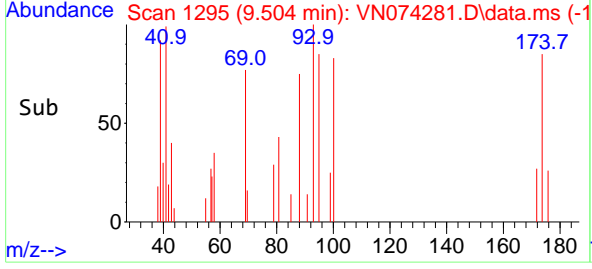
#49  
 1,4-Dioxane  
 Concen: 16.830 ug/l  
 RT: 9.504 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument : MSVOA\_N  
 ClientSampleID : VSTDIC001

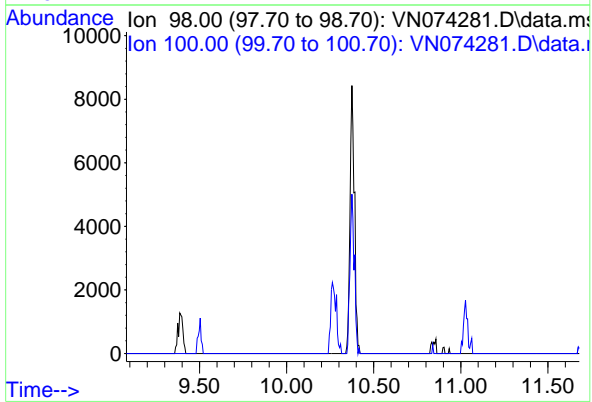


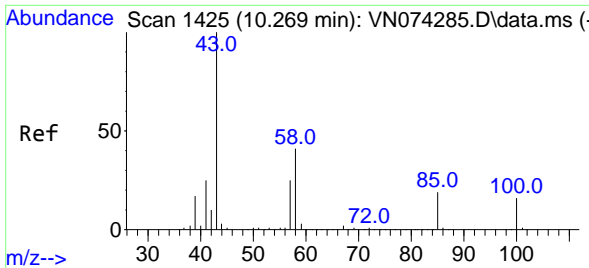
Tgt Ion: 88 Resp: 203  
 Ion Ratio Lower Upper  
 88 100  
 43 34.5 20.2 30.4  
 58 38.8 54.2 81.4

Manual Integrations  
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 Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022



#50  
 Toluene-d8  
 Concen: 0.000 ug/l  
 Expected RT: 10.38 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46  
 Tgt Ion: 98  
 Sig Exp Ratio  
 98 100  
 100 65.7





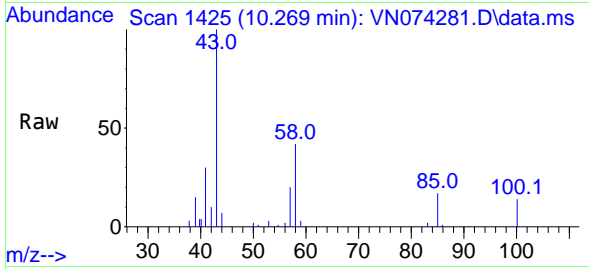
#51  
 4-Methyl-2-Pentanone  
 Concen: 3.060 ug/l  
 RT: 10.269 min Scan# 1425  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

Client Sample Id :

VSTDIC001



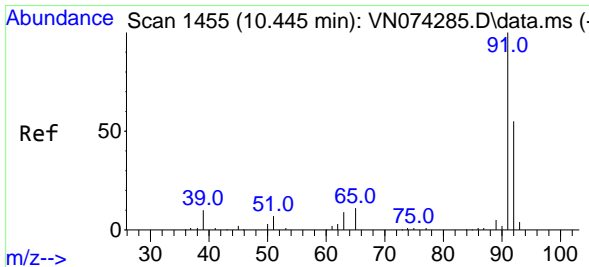
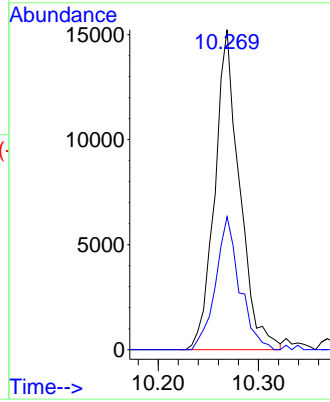
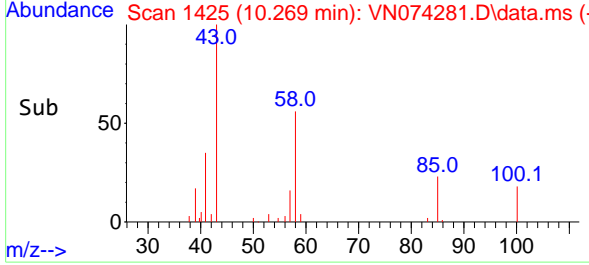
Tgt Ion: 43 Resp: 26178  
 Ion Ratio Lower Upper  
 43 100  
 58 40.4 34.1 51.1

Manual Integrations

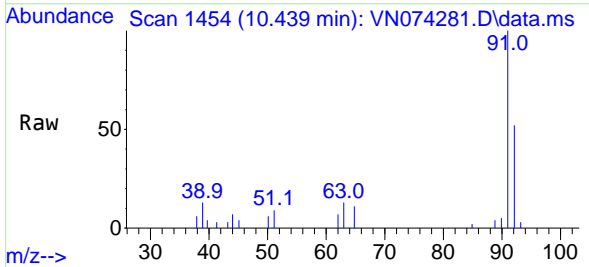
APPROVED

Reviewed By :John Carlone 09/03/2022

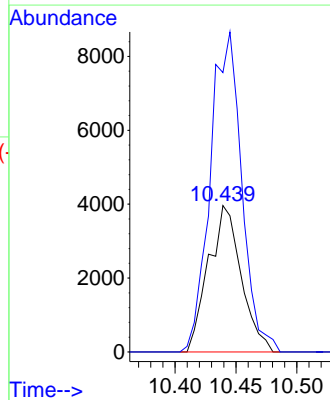
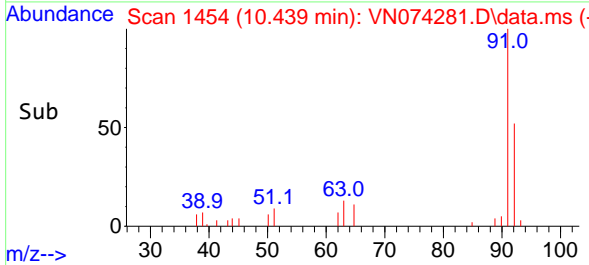
Supervised By :Mahesh Dadoda 09/06/2022

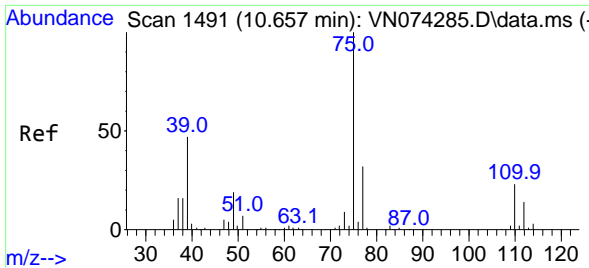


#52  
 Toluene  
 Concen: 0.763 ug/l  
 RT: 10.439 min Scan# 1454  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 92 Resp: 7406  
 Ion Ratio Lower Upper  
 92 100  
 91 210.5 138.6 207.8#





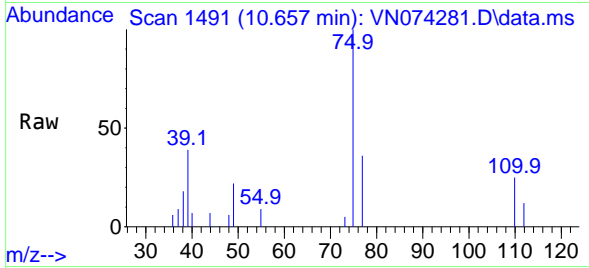
#53  
 t-1,3-Dichloropropene  
 Concen: 0.822 ug/l  
 RT: 10.657 min Scan# 1491  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

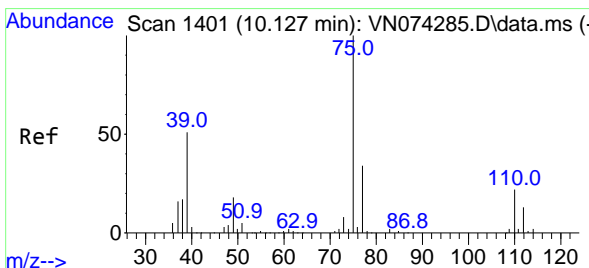
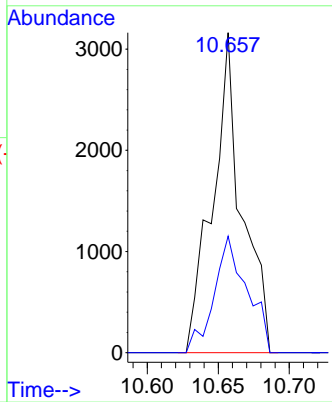
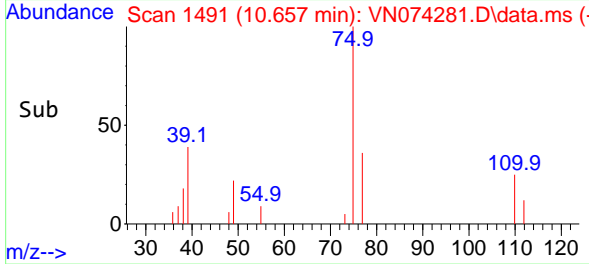


Tgt Ion: 75 Resp: 4534  
 Ion Ratio Lower Upper  
 75 100  
 77 36.4 25.6 38.4

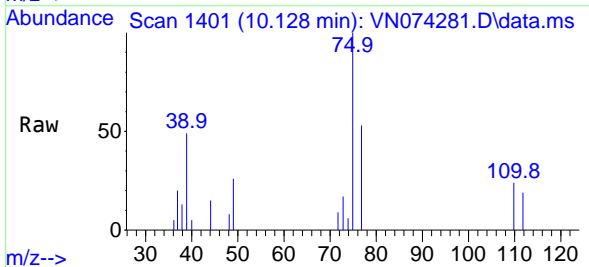
Manual Integrations

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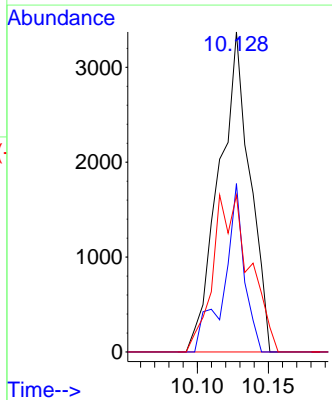
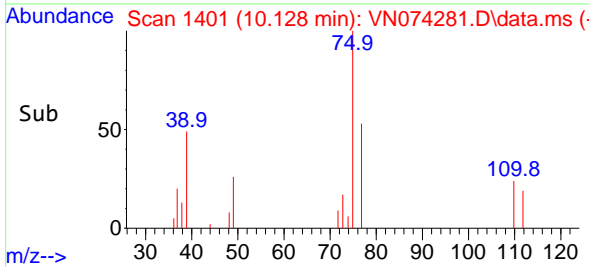
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

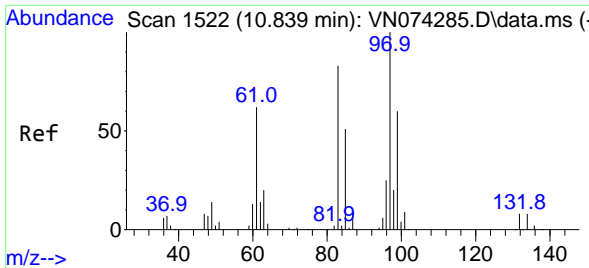


#54  
 cis-1,3-Dichloropropene  
 Concen: 0.828 ug/l  
 RT: 10.128 min Scan# 1401  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 75 Resp: 5112  
 Ion Ratio Lower Upper  
 75 100  
 77 52.6 25.2 37.8#  
 39 49.0 35.7 53.5





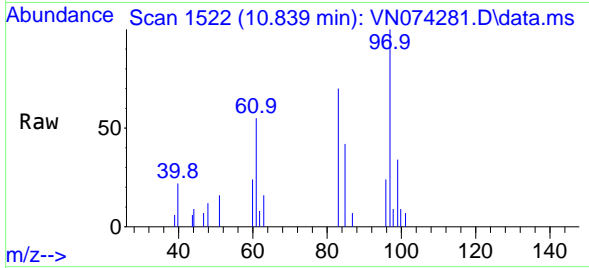
#55  
 1,1,2-Trichloroethane  
 Concen: 0.960 ug/l  
 RT: 10.839 min Scan# 1522  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



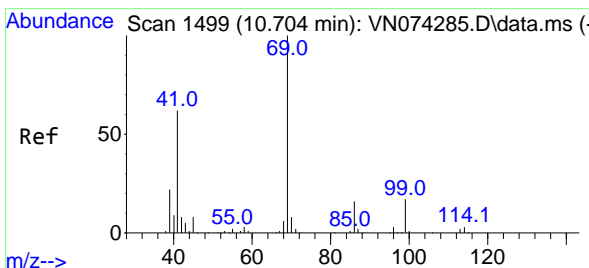
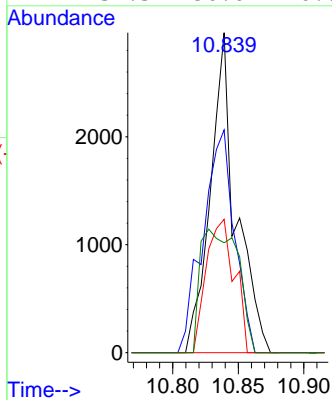
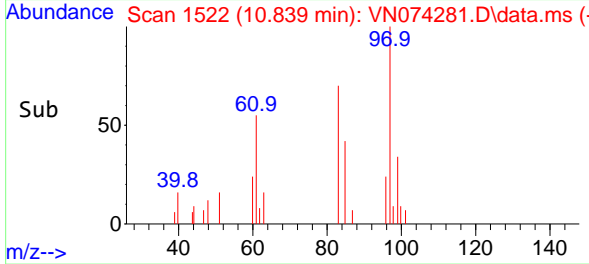
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 97      | 100  |       |       |
| 83      | 69.6 | 66.2  | 99.4  |
| 85      | 41.7 | 43.9  | 65.9  |
| 99      | 34.3 | 50.6  | 76.0  |

Manual Integrations

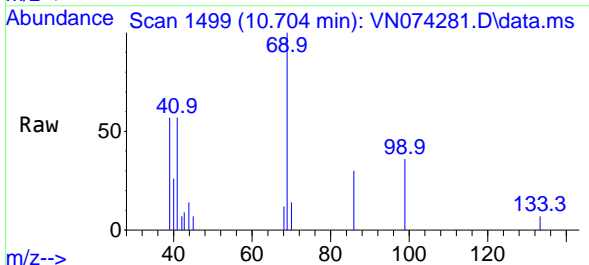
APPROVED

Reviewed By :John Carlone 09/03/2022

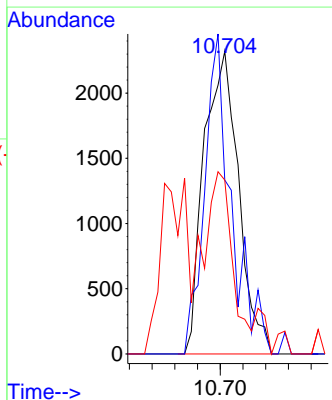
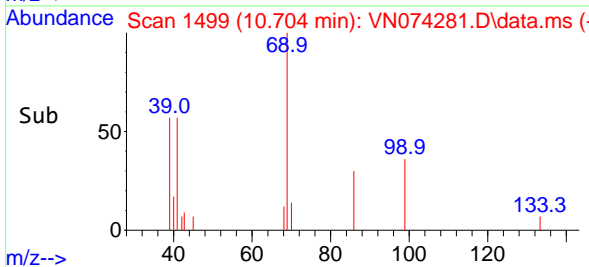
Supervised By :Mahesh Dadoda 09/06/2022

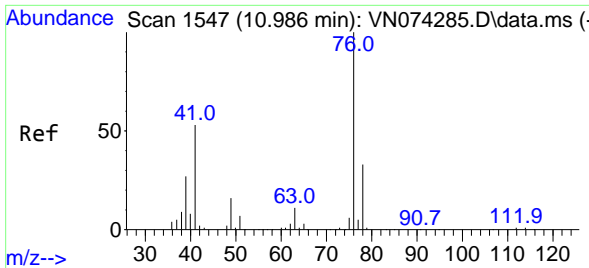


#56  
 Ethyl methacrylate  
 Concen: 0.772 ug/l  
 RT: 10.704 min Scan# 1499  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 69      | 100  |       |       |
| 41      | 82.1 | 47.8  | 71.6  |
| 39      | 31.9 | 27.3  | 40.9  |





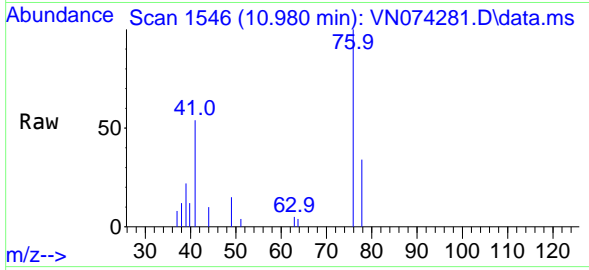
#57  
 1,3-Dichloropropane  
 Concen: 0.909 ug/l  
 RT: 10.980 min Scan# 1546  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001



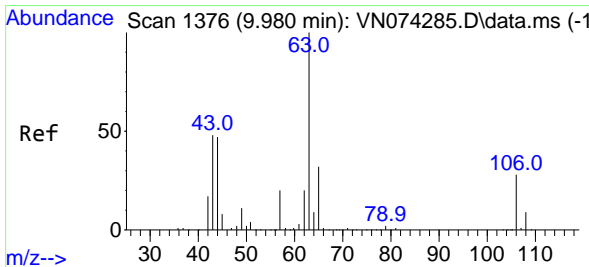
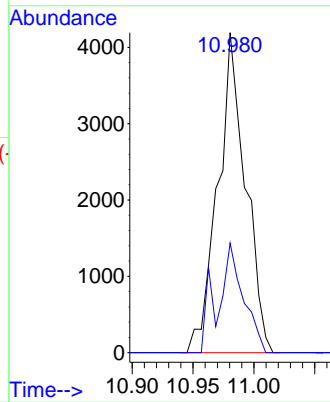
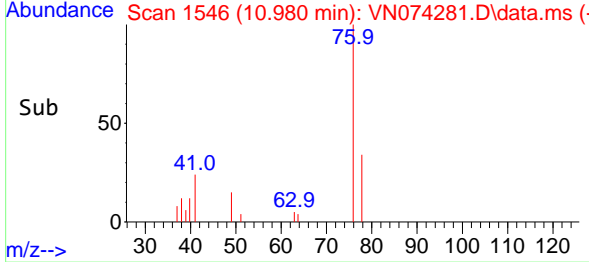
Tgt Ion: 76 Resp: 6629  
 Ion Ratio Lower Upper  
 76 100  
 78 32.1 26.2 39.2

Manual Integrations

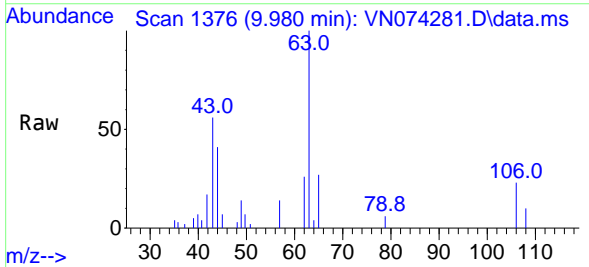
APPROVED

Reviewed By :John Carlone 09/03/2022

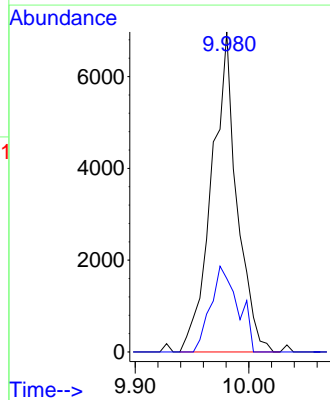
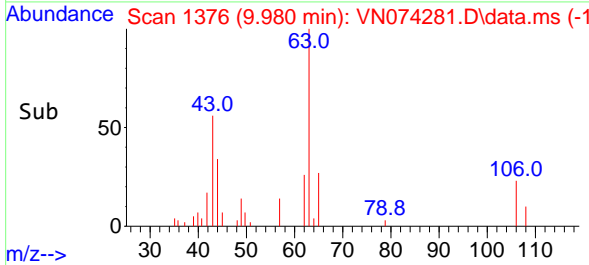
Supervised By :Mahesh Dadoda 09/06/2022

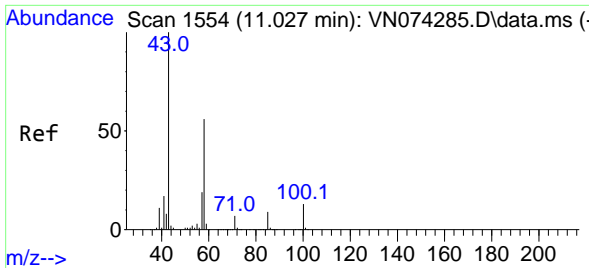


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 3.351 ug/l  
 RT: 9.980 min Scan# 1376  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



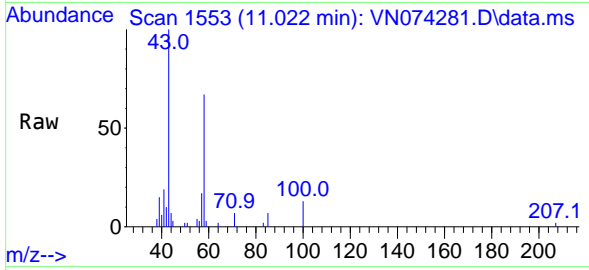
Tgt Ion: 63 Resp: 10785  
 Ion Ratio Lower Upper  
 63 100  
 106 28.8 24.6 36.8





#59  
 2-Hexanone  
 Concen: 3.042 ug/l  
 RT: 11.022 min Scan# 1153  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

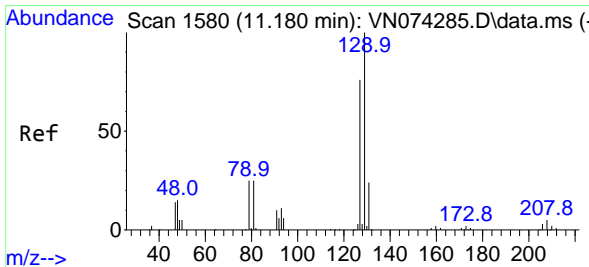
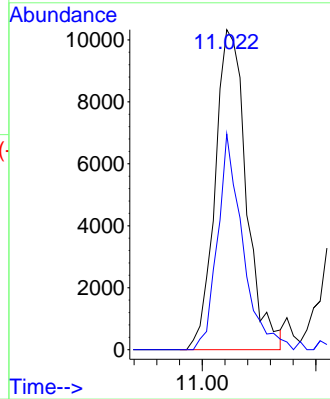
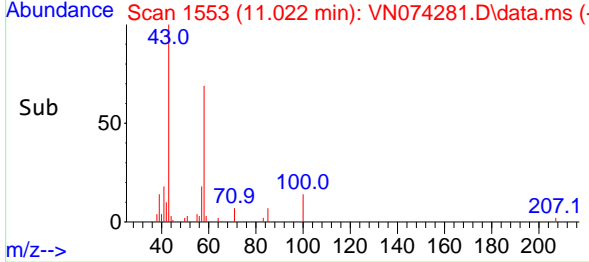
Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC001



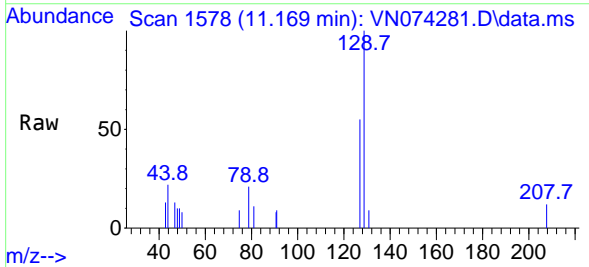
Tgt Ion: 43 Resp: 1975  
 Ion Ratio Lower Upper  
 43 100  
 58 54.8 29.7 89.1

Manual Integrations  
**APPROVED**

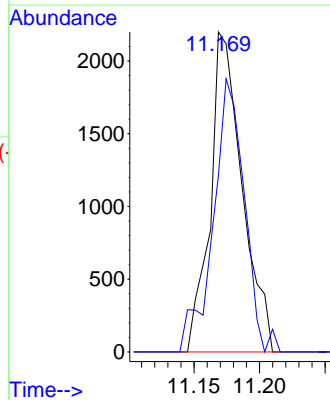
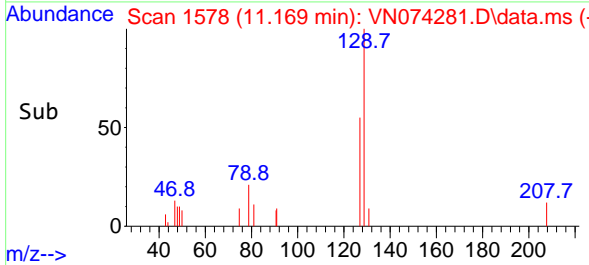
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

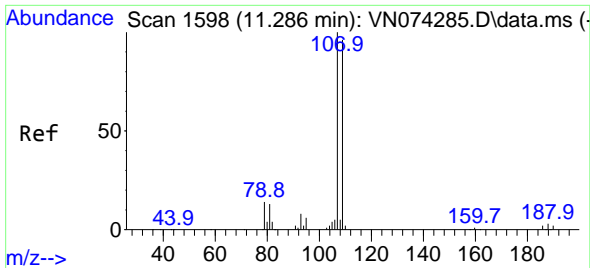


#60  
 Dibromochloromethane  
 Concen: 0.944 ug/l  
 RT: 11.169 min Scan# 1578  
 Delta R.T. -0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:129 Resp: 3712  
 Ion Ratio Lower Upper  
 129 100  
 127 83.4 38.8 116.4





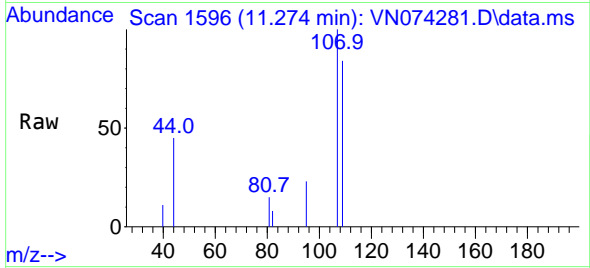
#61  
 1,2-Dibromoethane  
 Concen: 0.923 ug/l  
 RT: 11.274 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001



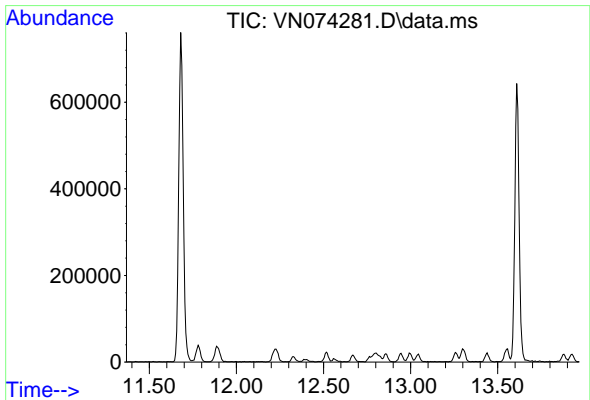
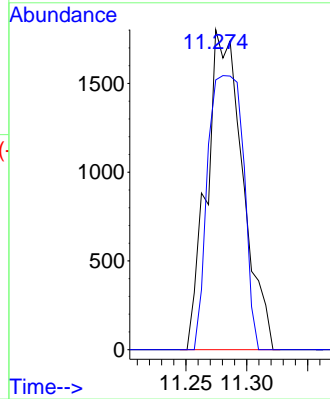
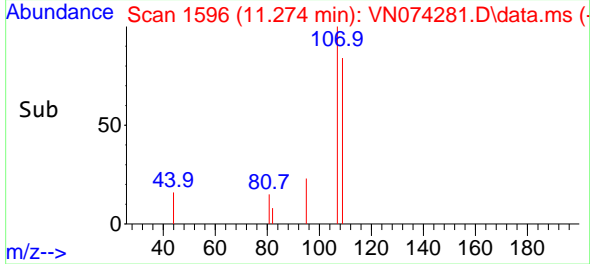
Tgt Ion:107 Resp: 370  
 Ion Ratio Lower Upper  
 107 100  
 109 84.6 75.0 112.6

Manual Integrations

APPROVED

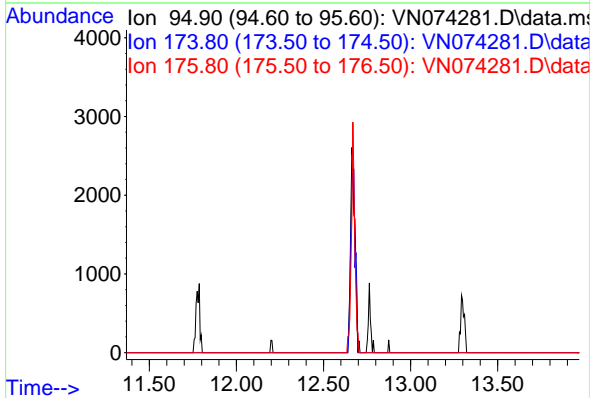
Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022

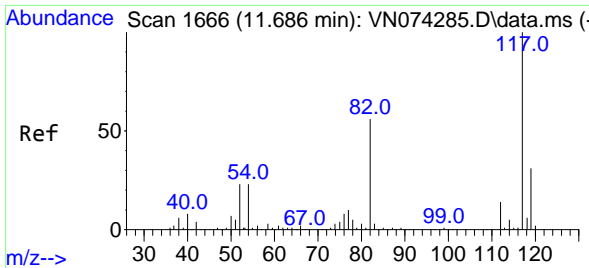


#62  
 4-Bromofluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 12.67 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Tgt Ion: 95  
 Sig Exp Ratio  
 95 100  
 174 83.8  
 176 81.7

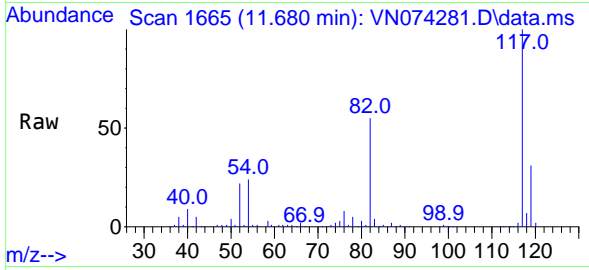






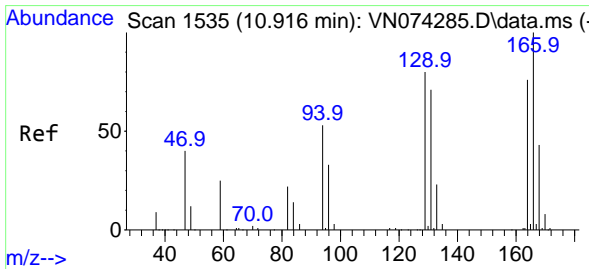
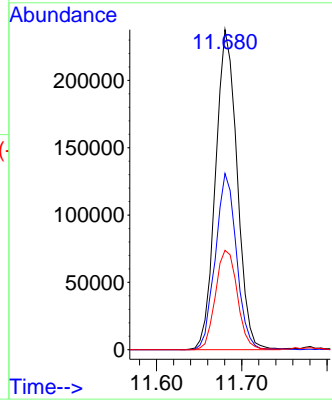
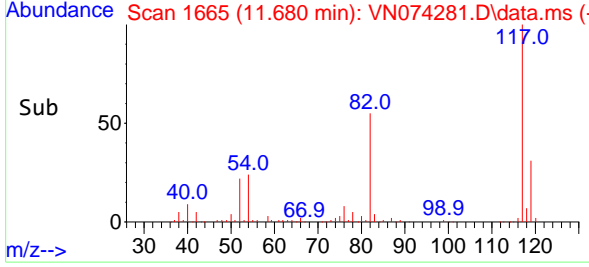
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.680 min Scan# 117  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC001

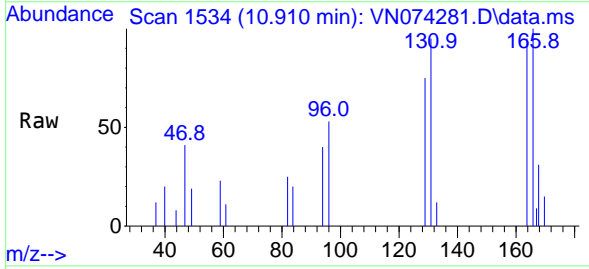


Tgt Ion:117 Resp: 41784  
 Ion Ratio Lower Upper  
 117 100  
 82 55.1 44.2 66.2  
 119 31.1 25.4 38.0

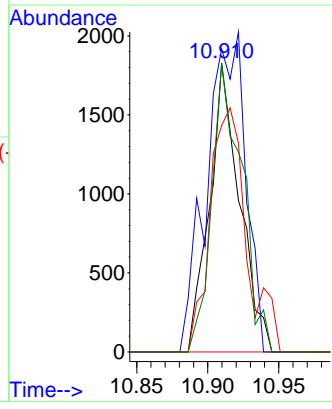
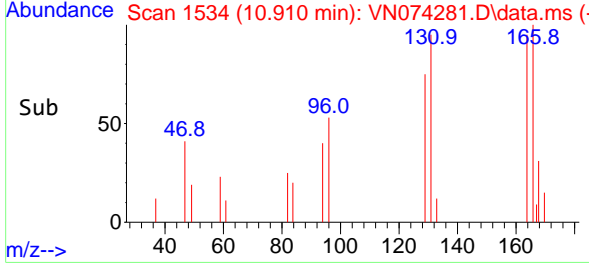
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

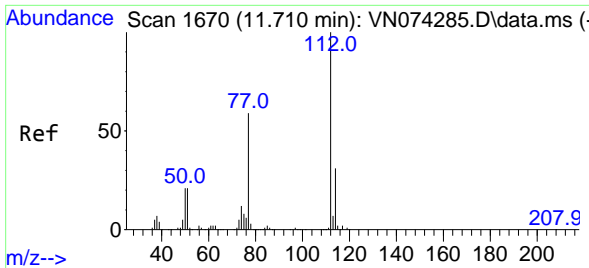


#64  
 Tetrachloroethene  
 Concen: 0.892 ug/l  
 RT: 10.910 min Scan# 1534  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:164 Resp: 2699  
 Ion Ratio Lower Upper  
 164 100  
 166 104.9 104.2 156.2  
 129 78.3 73.9 110.9  
 131 99.8 69.4 104.2





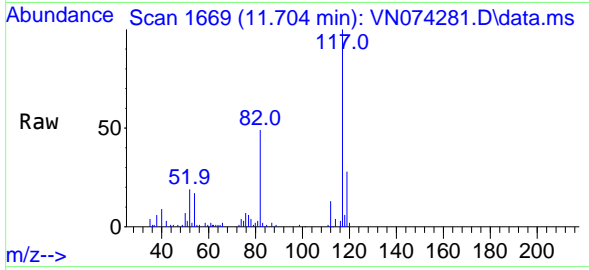
#65  
 Chlorobenzene  
 Concen: 0.937 ug/l  
 RT: 11.704 min Scan# 1669  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



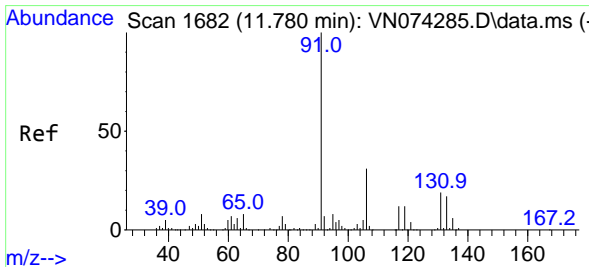
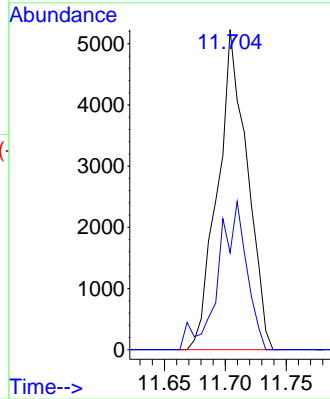
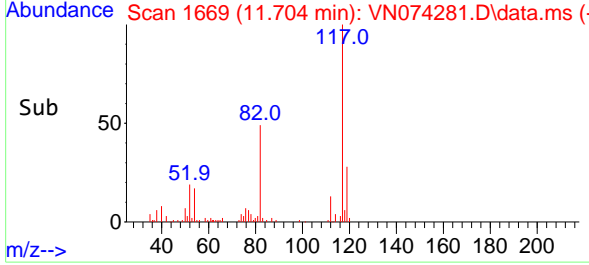
Tgt Ion:112 Resp: 880  
 Ion Ratio Lower Upper  
 112 100  
 114 30.3 25.4 38.2

Manual Integrations

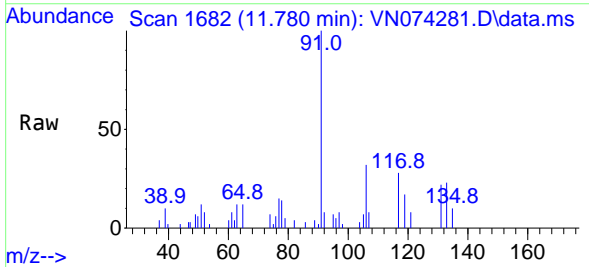
APPROVED

Reviewed By :John Carlone 09/03/2022

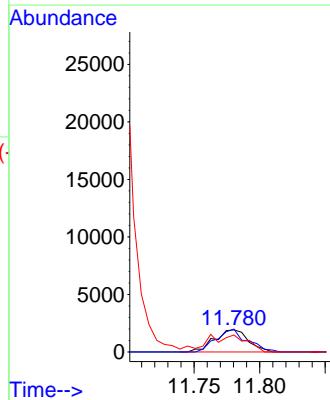
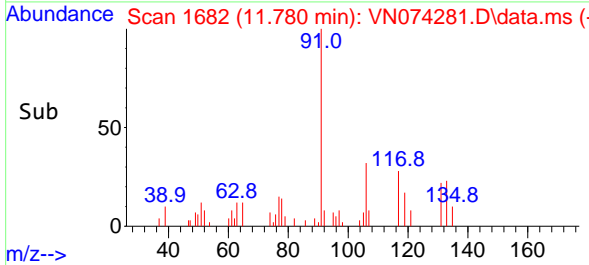
Supervised By :Mahesh Dadoda 09/06/2022

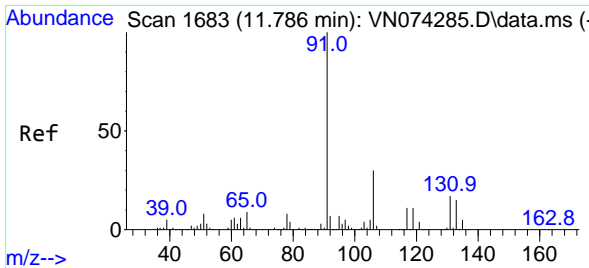


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 1.034 ug/l  
 RT: 11.780 min Scan# 1682  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:131 Resp: 3454  
 Ion Ratio Lower Upper  
 131 100  
 133 93.8 47.8 143.4  
 119 0.0 33.4 100.2#





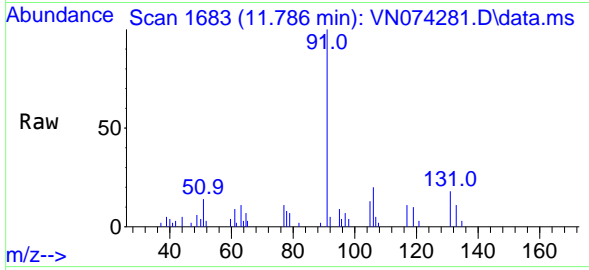
#67  
 Ethyl Benzene  
 Concen: 0.951 ug/l  
 RT: 11.786 min Scan# 10  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

Client Sample Id :

VSTDIC001



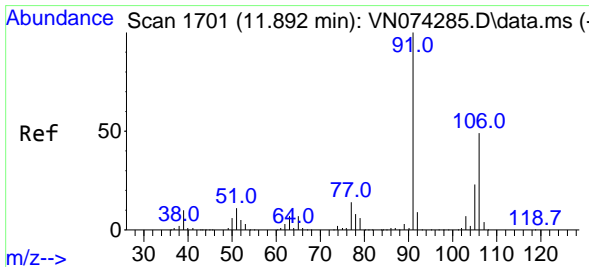
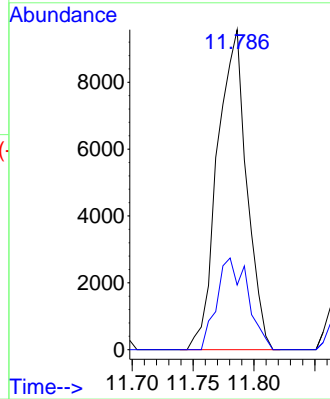
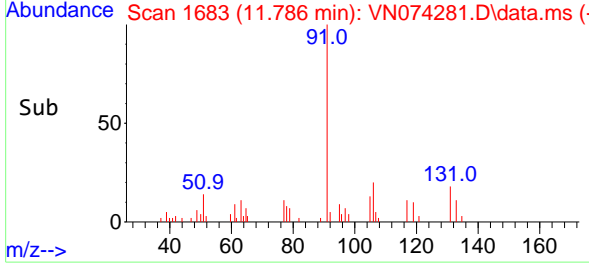
Tgt Ion: 91 Resp: 16039  
 Ion Ratio Lower Upper  
 91 100  
 106 20.2 24.9 37.3

Manual Integrations

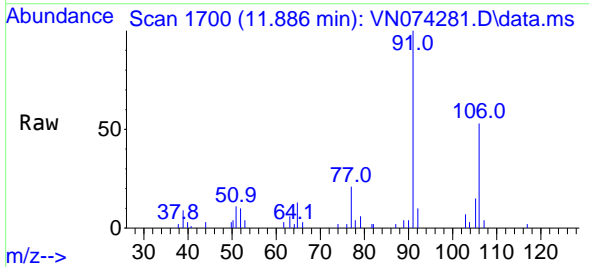
APPROVED

Reviewed By :John Carlone 09/03/2022

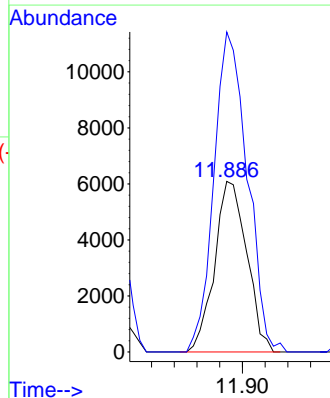
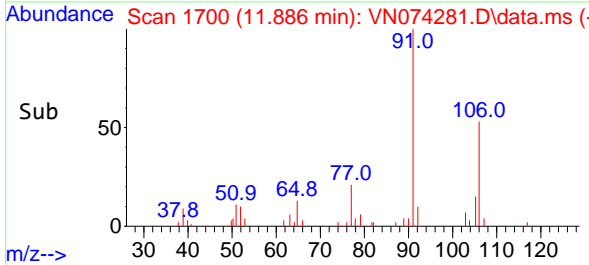
Supervised By :Mahesh Dadoda 09/06/2022

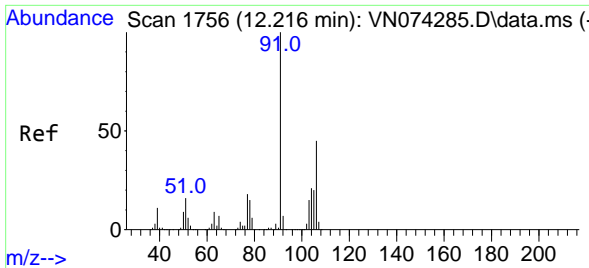


#68  
 m/p-Xylenes  
 Concen: 1.915 ug/l  
 RT: 11.886 min Scan# 1700  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:106 Resp: 12002  
 Ion Ratio Lower Upper  
 106 100  
 91 194.5 158.9 238.3





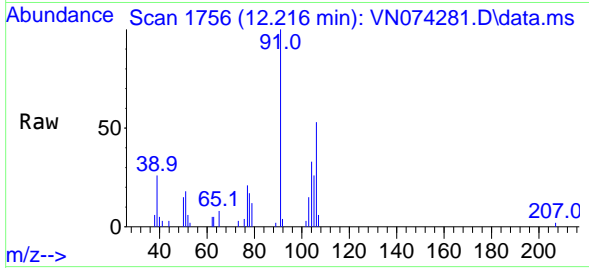
#69  
 o-Xylene  
 Concen: 0.930 ug/l  
 RT: 12.216 min Scan# 1756  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001

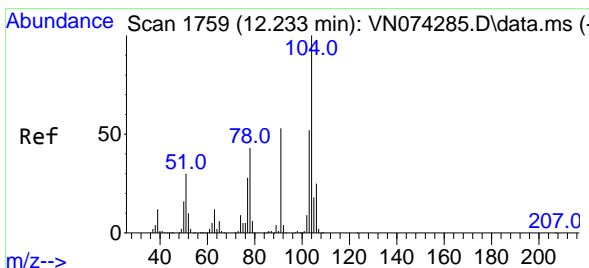
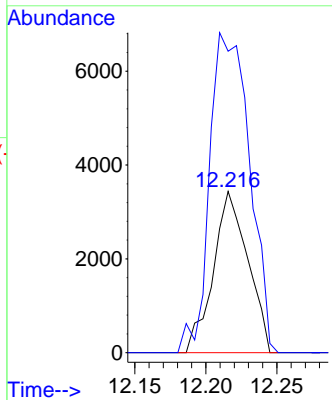
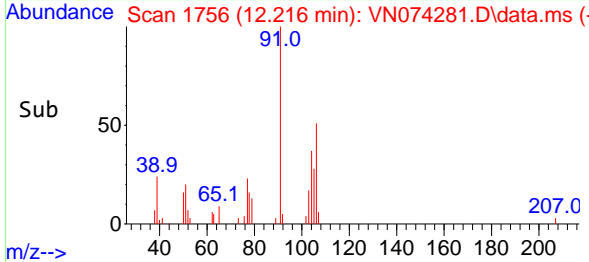


Tgt Ion: 106 Resp: 5809  
 Ion Ratio Lower Upper  
 106 100  
 91 229.2 106.0 318.0

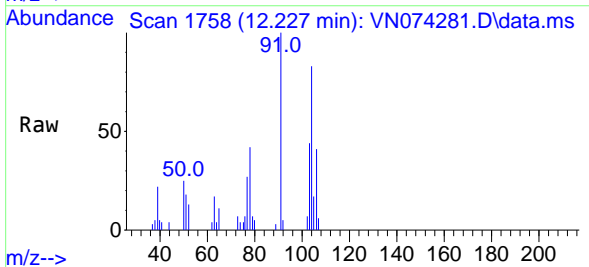
Manual Integrations

APPROVED

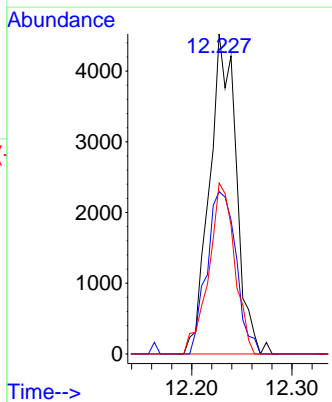
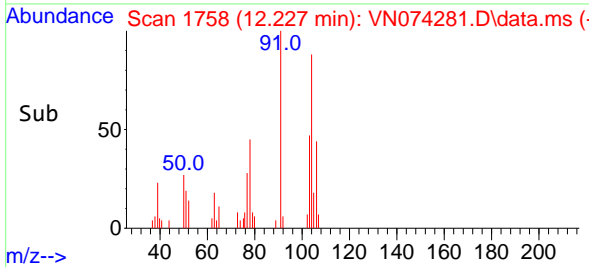
Reviewed By : John Carlone 09/03/2022  
 Supervised By : Mahesh Dadoda 09/06/2022

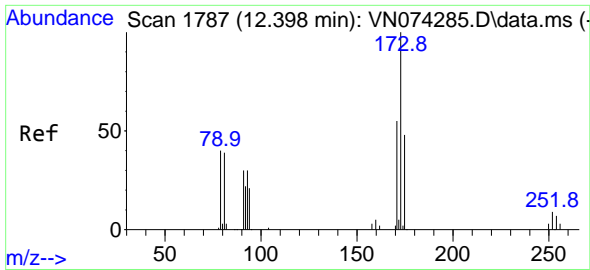


#70  
 Styrene  
 Concen: 0.845 ug/l  
 RT: 12.227 min Scan# 1758  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 104 Resp: 8411  
 Ion Ratio Lower Upper  
 104 100  
 78 55.4 39.5 59.3  
 103 51.3 44.0 66.0





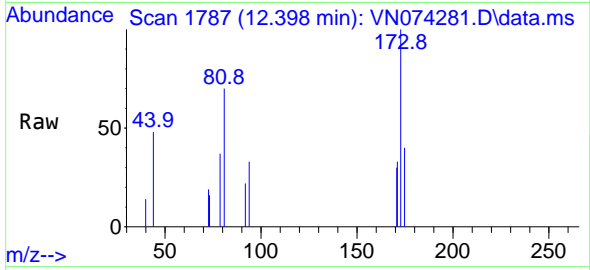
#71  
 Bromoform  
 Concen: 0.825 ug/l  
 RT: 12.398 min Scan# 1787  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



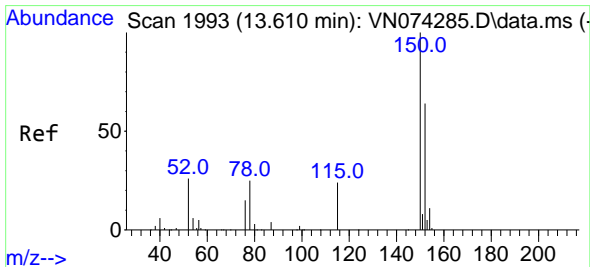
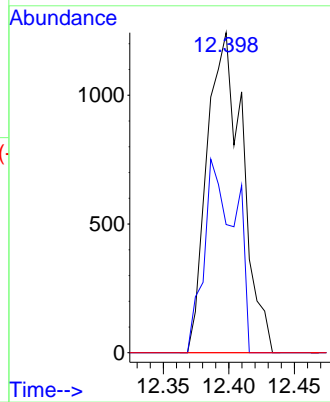
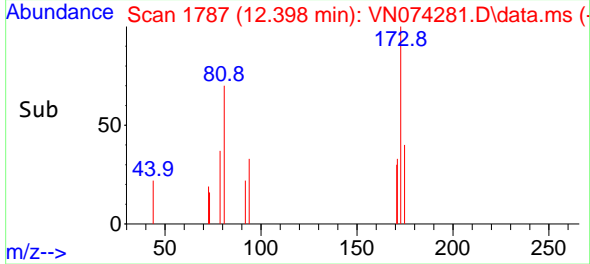
Tgt Ion:173 Resp: 2330  
 Ion Ratio Lower Upper  
 173 100  
 175 53.4 24.6 73.6  
 254 0.0 0.1 0.1

Manual Integrations

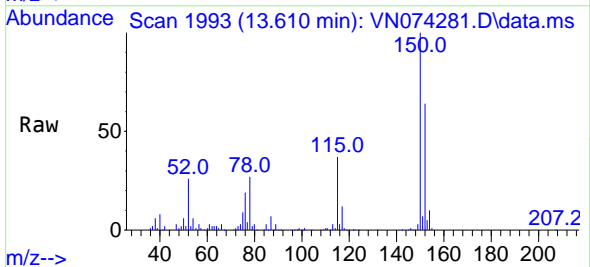
APPROVED

Reviewed By :John Carlone 09/03/2022

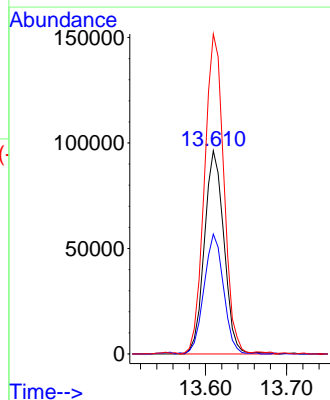
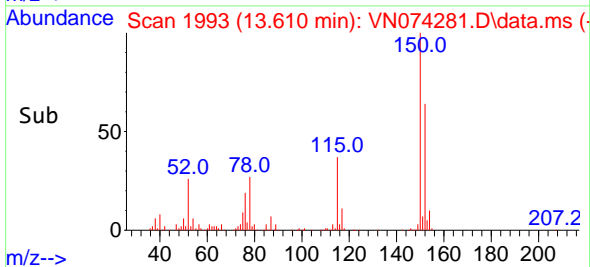
Supervised By :Mahesh Dadoda 09/06/2022

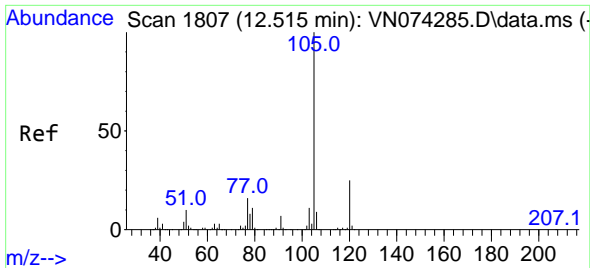


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.610 min Scan# 1993  
 Delta R.T. -0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:152 Resp: 161041  
 Ion Ratio Lower Upper  
 152 100  
 115 59.1 28.9 86.7  
 150 155.8 0.0 356.2





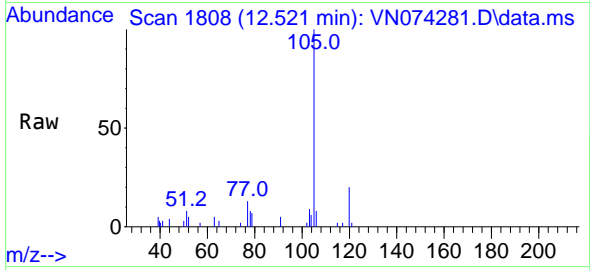
#73  
 Isopropylbenzene  
 Concen: 0.965 ug/l  
 RT: 12.521 min Scan# 1808  
 Delta R.T. 0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001



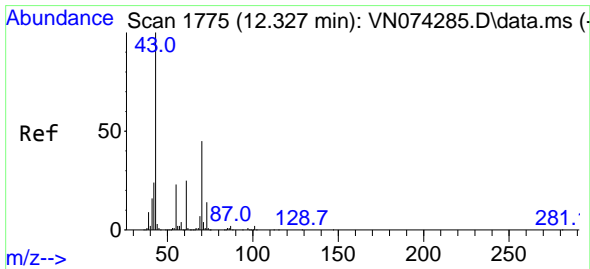
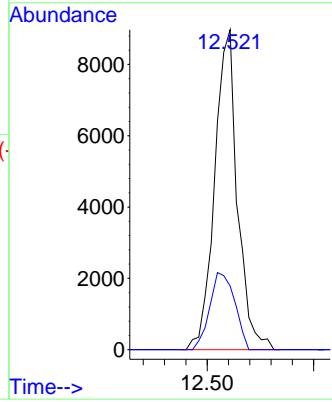
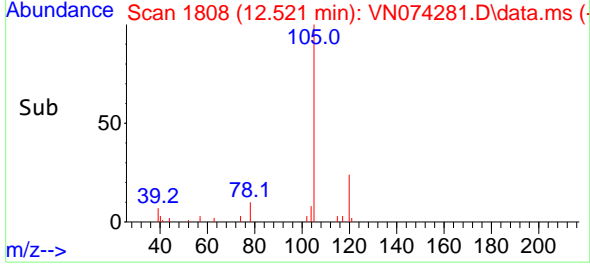
Tgt Ion:105 Resp: 1330  
 Ion Ratio Lower Upper  
 105 100  
 120 26.5 13.5 40.4

Manual Integrations

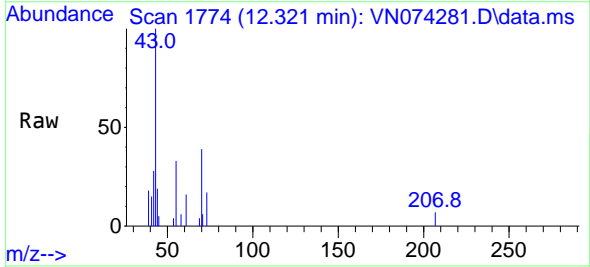
APPROVED

Reviewed By :John Carlone 09/03/2022

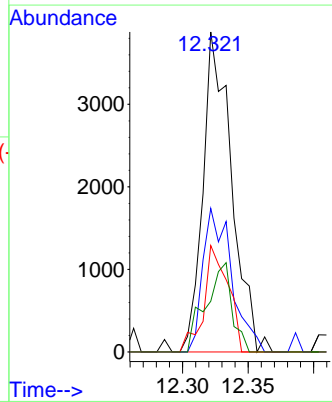
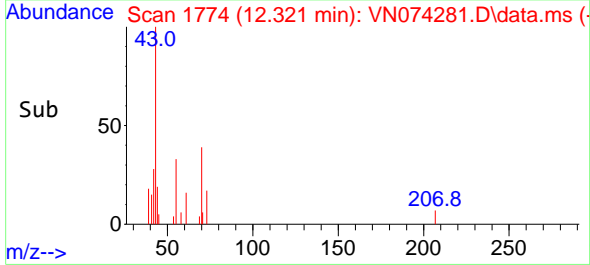
Supervised By :Mahesh Dadoda 09/06/2022

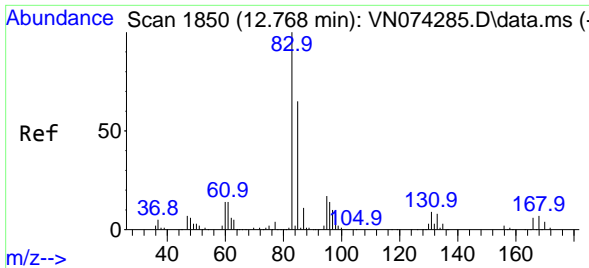


#74  
 N-ethyl acetate  
 Concen: 0.754 ug/l  
 RT: 12.321 min Scan# 1774  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 43 Resp: 5887  
 Ion Ratio Lower Upper  
 43 100  
 70 45.1 39.0 58.4  
 55 28.1 21.1 31.7  
 61 25.5 21.1 31.7





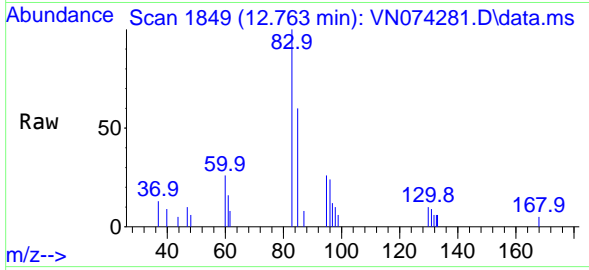
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 0.881 ug/l  
 RT: 12.763 min Scan# 1849  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



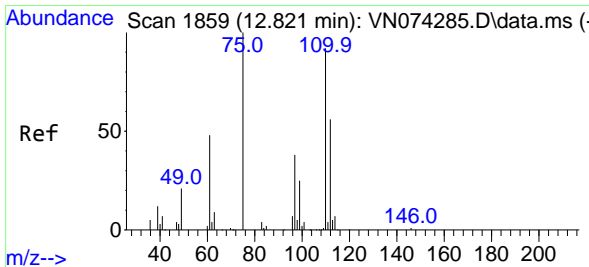
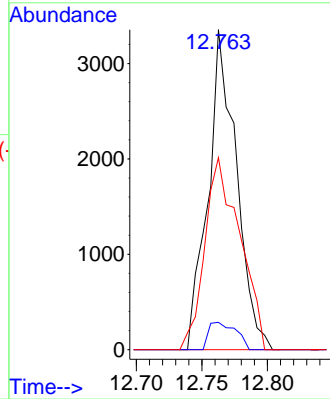
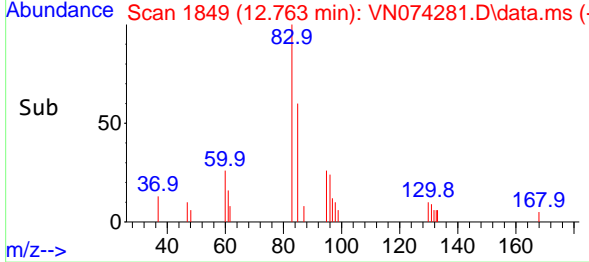
Tgt Ion: 83 Resp: 5038  
 Ion Ratio Lower Upper  
 83 100  
 131 8.2 5.3 15.9  
 85 74.4 32.3 96.9

Manual Integrations

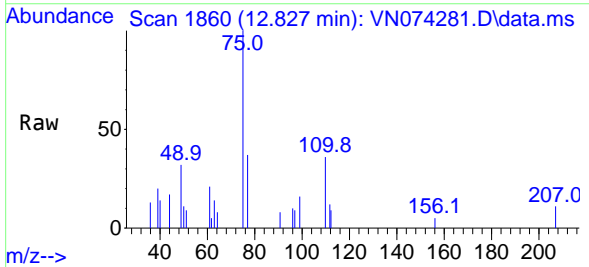
APPROVED

Reviewed By :John Carlone 09/03/2022

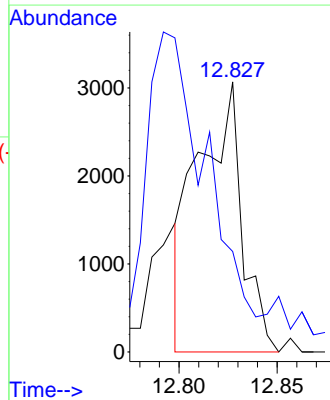
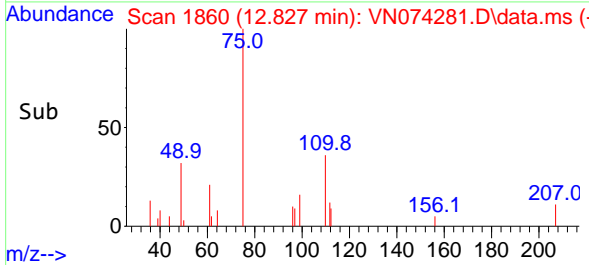
Supervised By :Mahesh Dadoda 09/06/2022

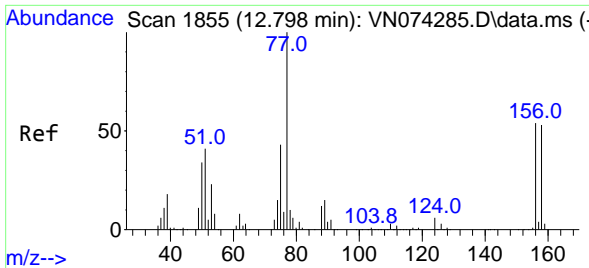


#76  
 1,2,3-Trichloropropane  
 Concen: 1.049 ug/l m  
 RT: 12.827 min Scan# 1860  
 Delta R.T. 0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 75 Resp: 4802  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 98.5 295.5#





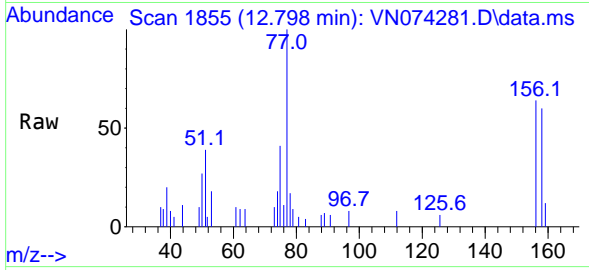
#77  
 Bromobenzene  
 Concen: 1.014 ug/l  
 RT: 12.798 min Scan# 1855  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001



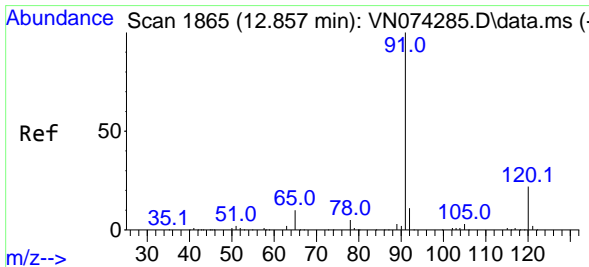
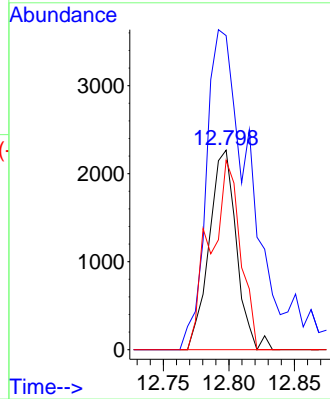
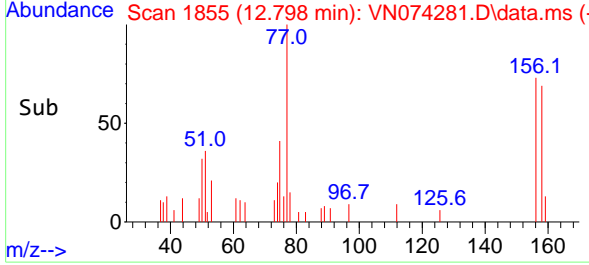
Tgt Ion:156 Resp: 327  
 Ion Ratio Lower Upper  
 156 100  
 77 250.7 100.5 301.5  
 158 104.7 48.9 146.6

Manual Integrations

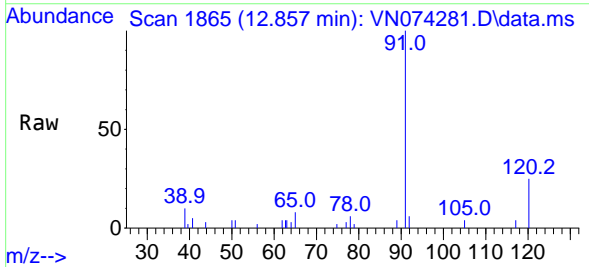
APPROVED

Reviewed By :John Carlone 09/03/2022

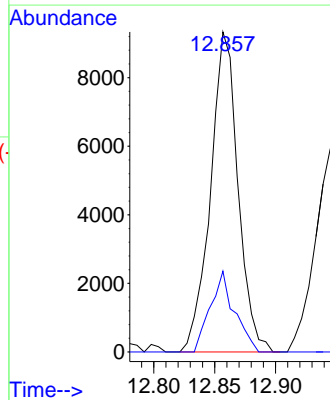
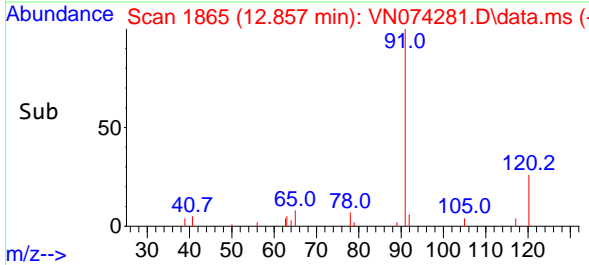
Supervised By :Mahesh Dadoda 09/06/2022



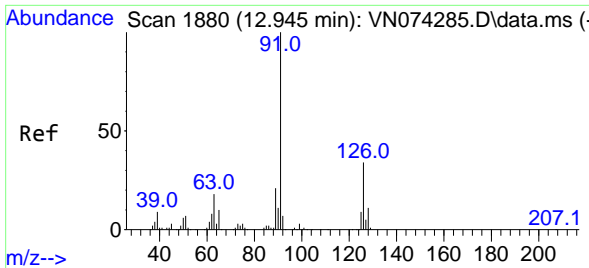
#78  
 n-propylbenzene  
 Concen: 0.933 ug/l  
 RT: 12.857 min Scan# 1865  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 91 Resp: 14675  
 Ion Ratio Lower Upper  
 91 100  
 120 22.2 11.9 35.5







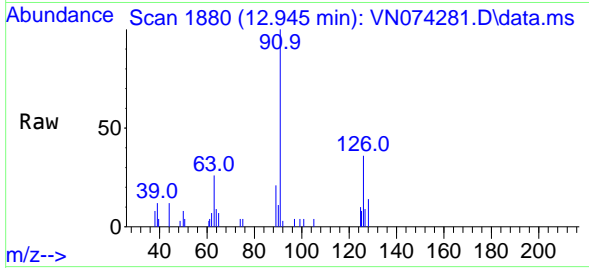
#79  
 2-Chlorotoluene  
 Concen: 1.072 ug/l  
 RT: 12.945 min Scan# 1880  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

Client Sample Id :

VSTDICC001

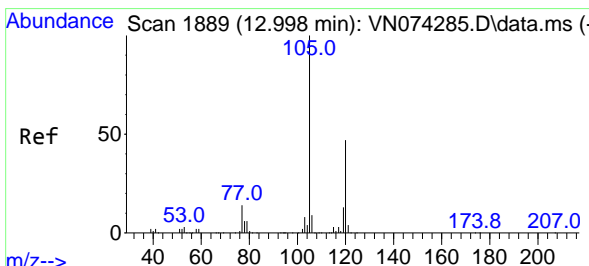
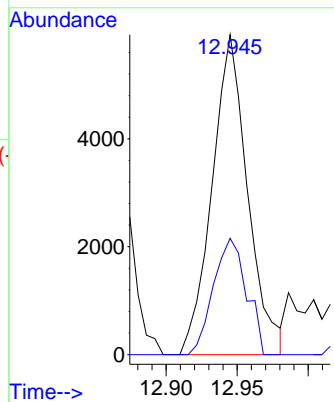
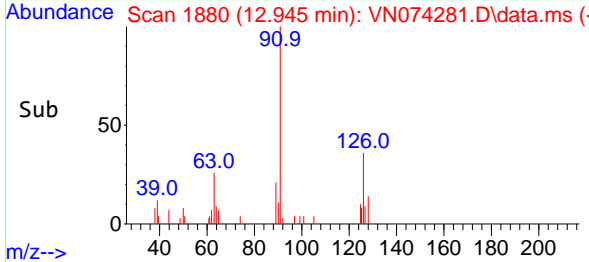


Tgt Ion: 91 Resp: 1032  
 Ion Ratio Lower Upper  
 91 100  
 126 33.8 17.3 51.9

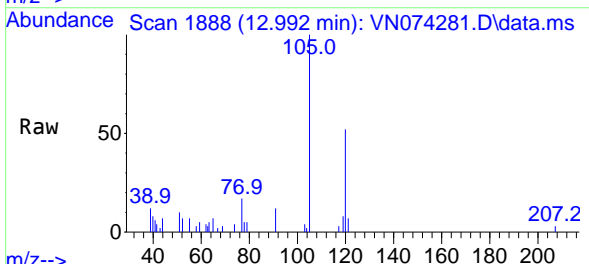
Manual Integrations

APPROVED

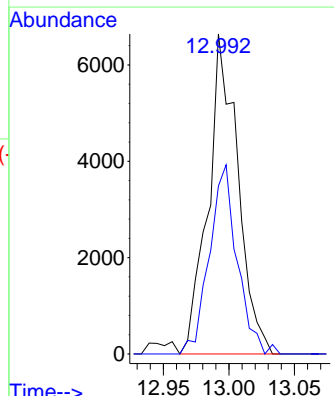
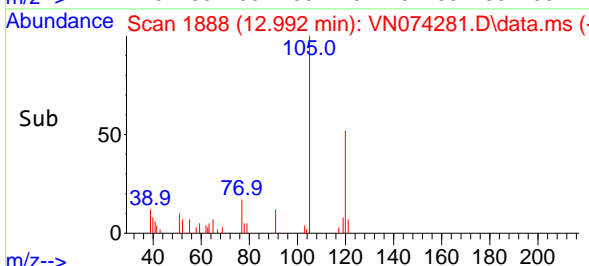
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

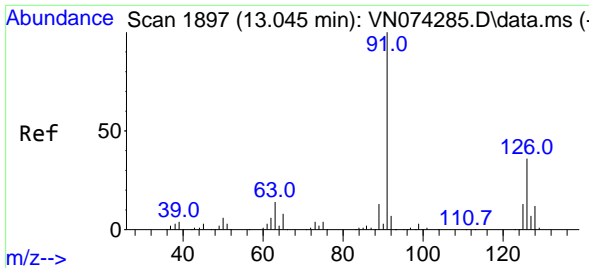


#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.930 ug/l  
 RT: 12.992 min Scan# 1888  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 105 Resp: 10431  
 Ion Ratio Lower Upper  
 105 100  
 120 55.6 24.9 74.7





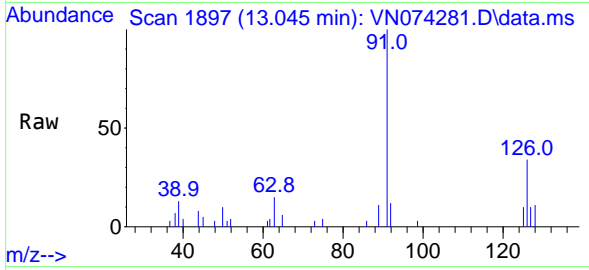
#82  
 4-Chlorotoluene  
 Concen: 1.045 ug/l  
 RT: 13.045 min Scan# 1897  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

Client SampleId :

VSTDICC001

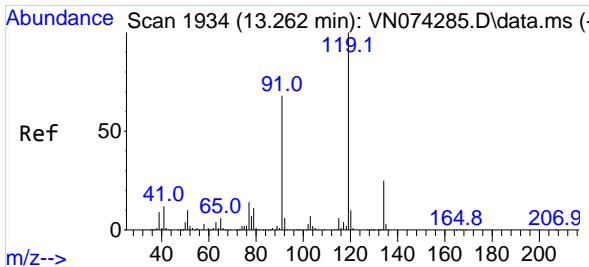
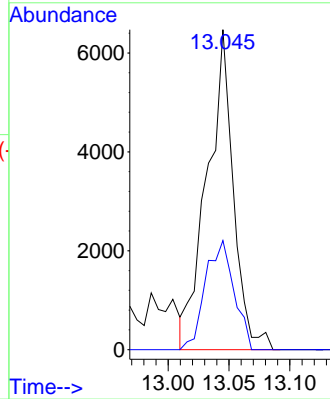
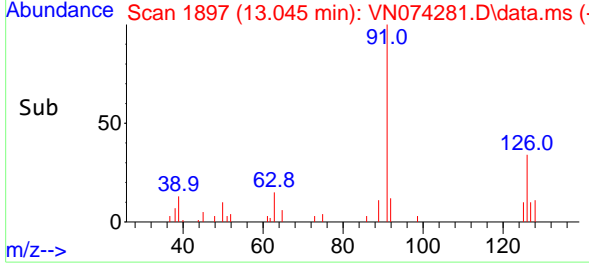


Tgt Ion: 91 Resp: 9740  
 Ion Ratio Lower Upper  
 91 100  
 126 37.0 17.2 51.6

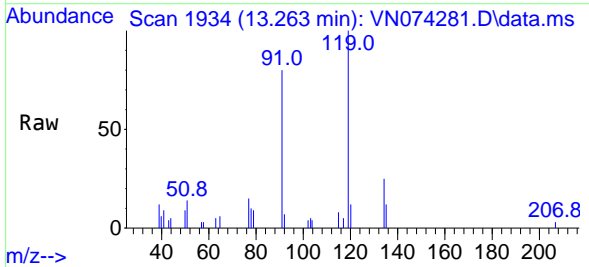
Manual Integrations

APPROVED

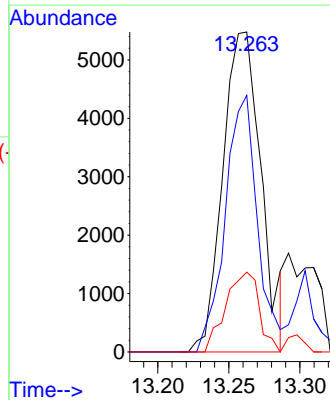
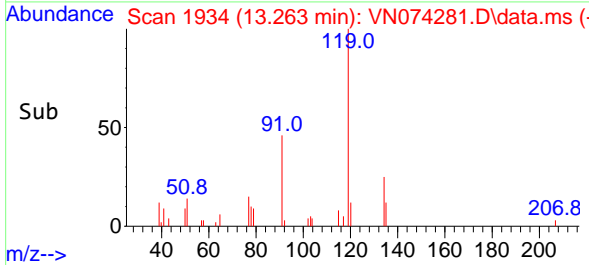
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

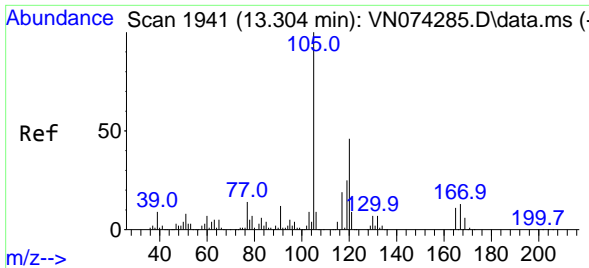


#83  
 tert-Butylbenzene  
 Concen: 1.075 ug/l  
 RT: 13.263 min Scan# 1934  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



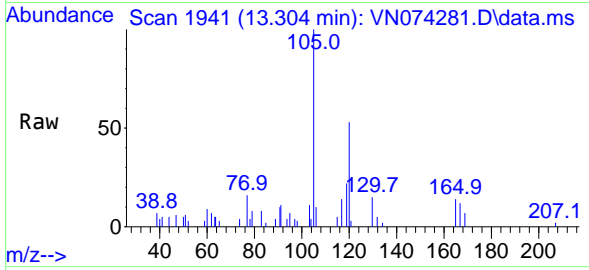
Tgt Ion:119 Resp: 10313  
 Ion Ratio Lower Upper  
 119 100  
 91 67.1 31.6 94.8  
 134 21.7 13.7 41.1





#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.973 ug/l  
 RT: 13.304 min Scan# 1941  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

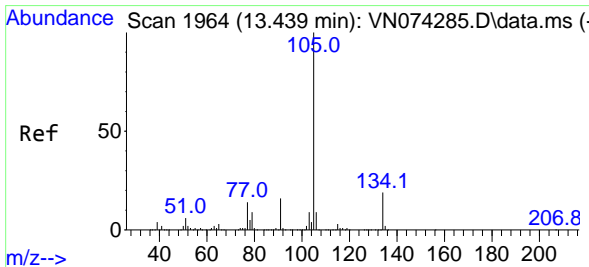
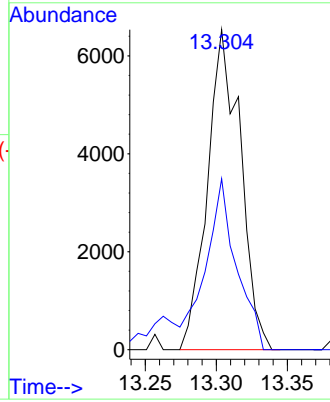
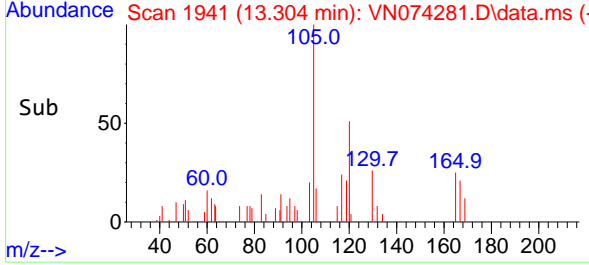
Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC001



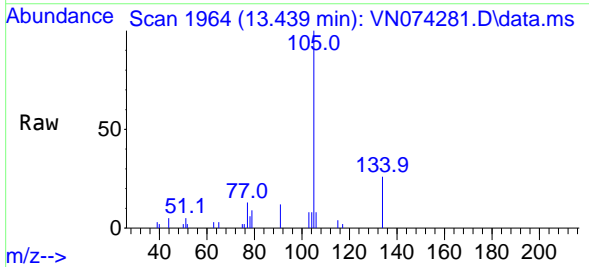
Tgt Ion:105 Resp: 1053  
 Ion Ratio Lower Upper  
 105 100  
 120 49.7 23.3 69.8

Manual Integrations  
**APPROVED**

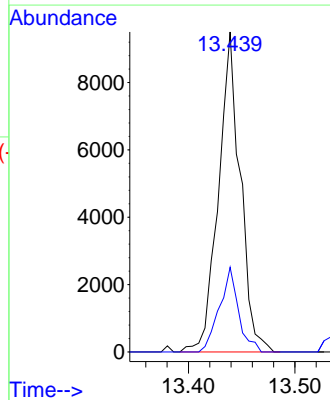
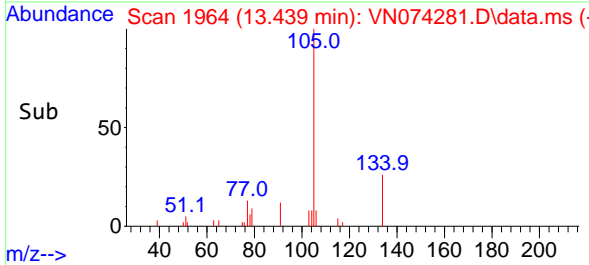
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

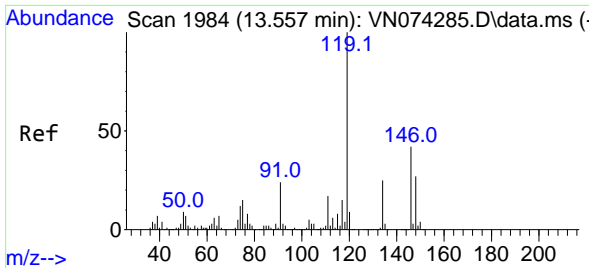


#85  
 sec-Butylbenzene  
 Concen: 1.004 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:105 Resp: 13507  
 Ion Ratio Lower Upper  
 105 100  
 134 23.1 10.4 31.1





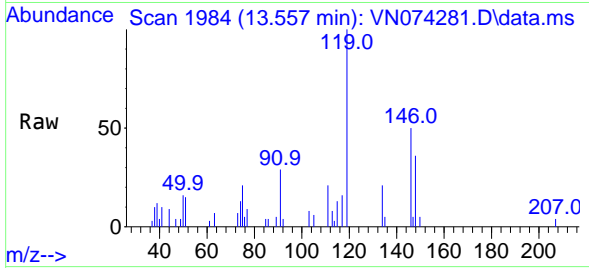
#86  
 p-Isopropyltoluene  
 Concen: 0.895 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



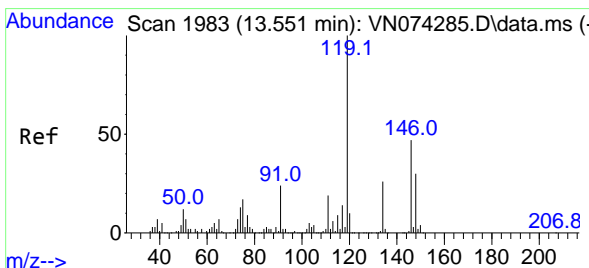
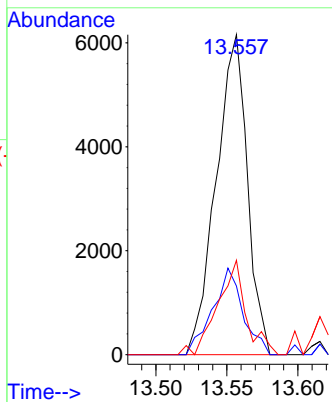
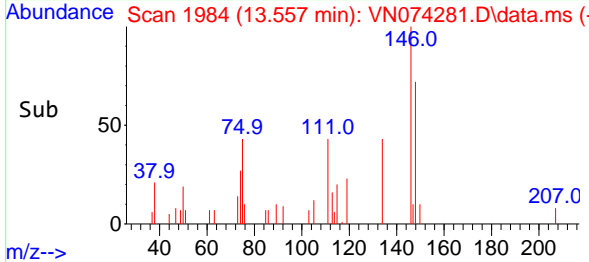
Tgt Ion:119 Resp: 937

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 134 | 26.4  | 13.3  | 39.8  |
| 91  | 26.8  | 11.3  | 33.9  |

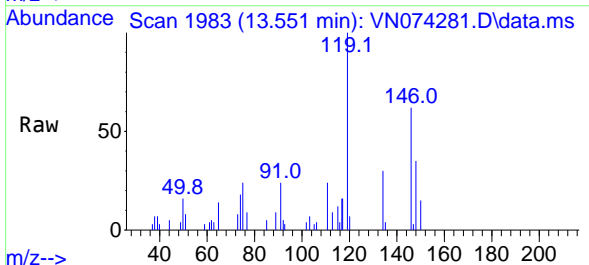
Manual Integrations

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Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

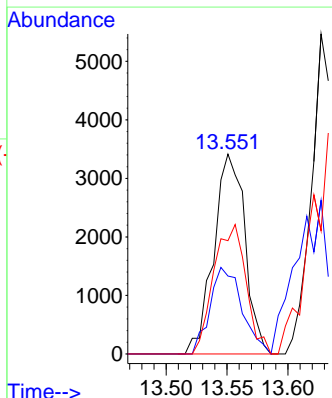
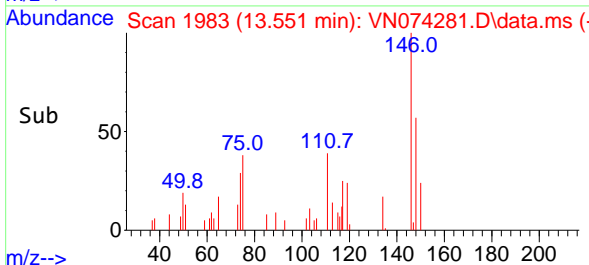


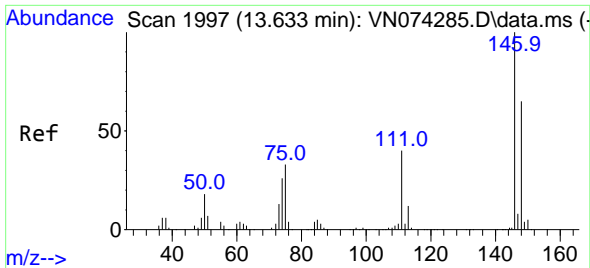
#87  
 1,3-Dichlorobenzene  
 Concen: 1.060 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:146 Resp: 6093

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 44.4  | 20.0  | 60.0  |
| 148 | 67.1  | 32.0  | 96.0  |





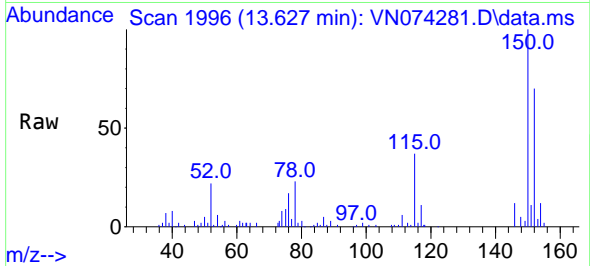
#88  
 1,4-Dichlorobenzene  
 Concen: 1.419 ug/l m  
 RT: 13.627 min Scan# 1996  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001

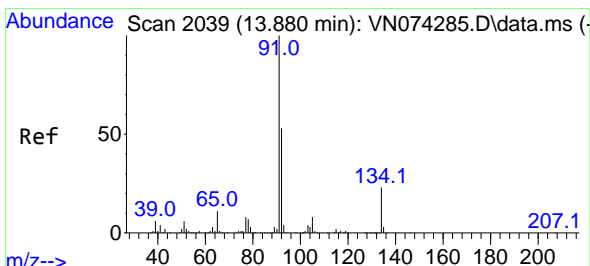
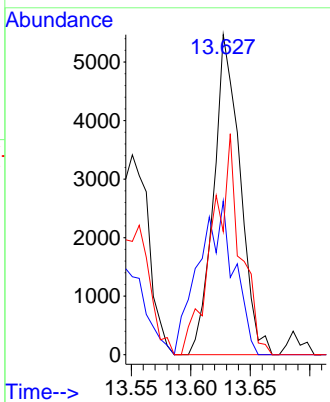
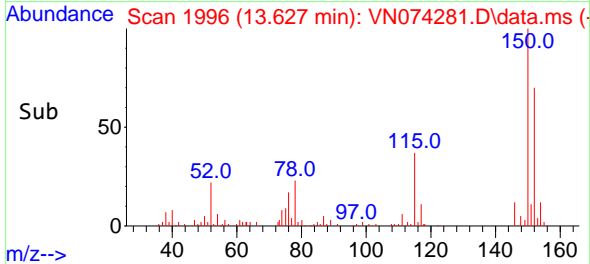


Tgt Ion:146 Resp: 844  
 Ion Ratio Lower Upper  
 146 100  
 111 32.1 19.1 57.1  
 148 48.4 31.4 94.3

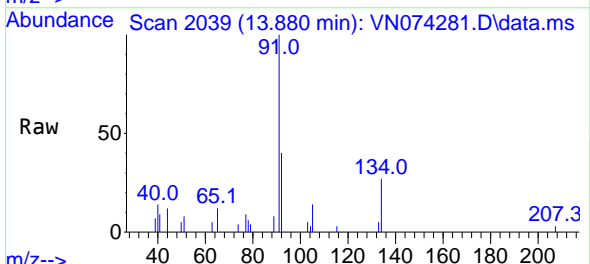
Manual Integrations

APPROVED

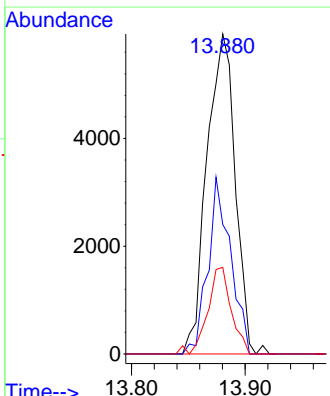
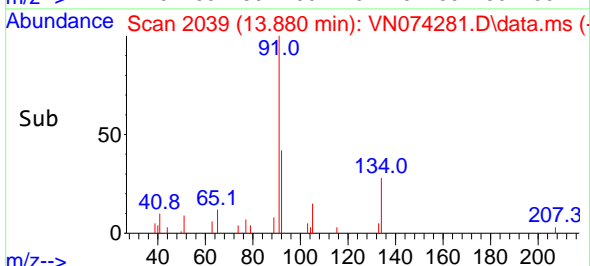
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

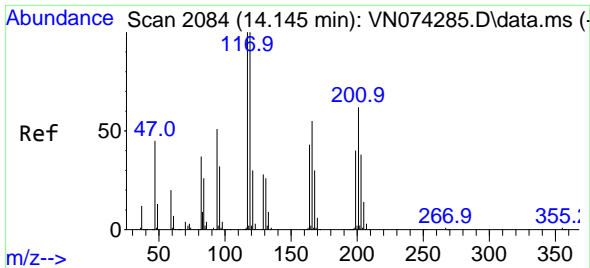


#89  
 n-Butylbenzene  
 Concen: 1.128 ug/l  
 RT: 13.880 min Scan# 2039  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion: 91 Resp: 10284  
 Ion Ratio Lower Upper  
 91 100  
 92 44.1 26.9 80.7  
 134 22.5 13.6 40.8





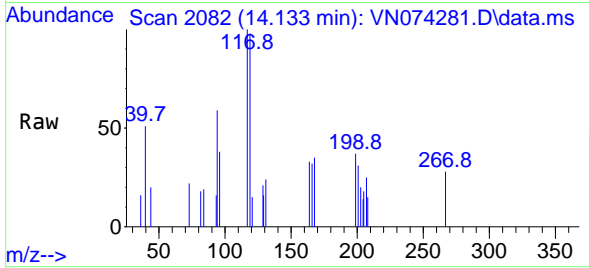
#90  
 Hexachloroethane  
 Concen: 1.092 ug/l  
 RT: 14.133 min Scan# 2082  
 Delta R.T. -0.018 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

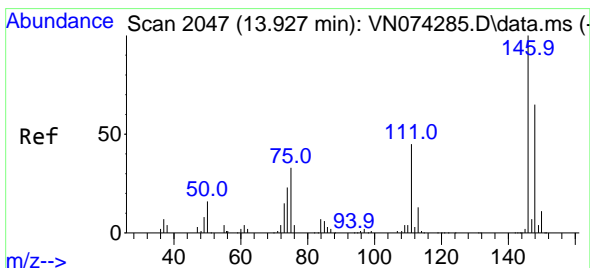
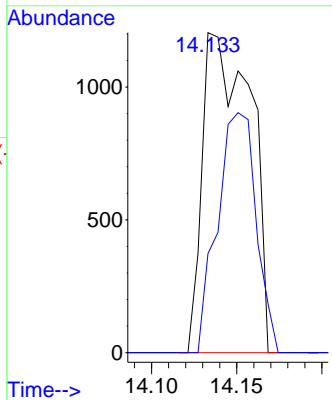
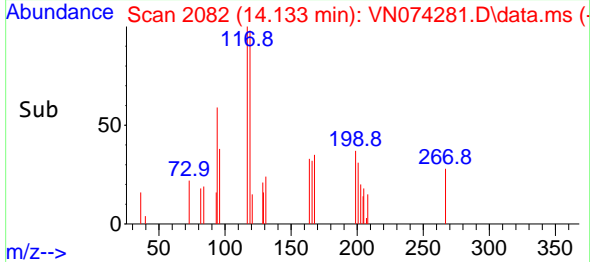


Tgt Ion:117 Resp: 2358  
 Ion Ratio Lower Upper  
 117 100  
 201 60.8 40.6 122.0

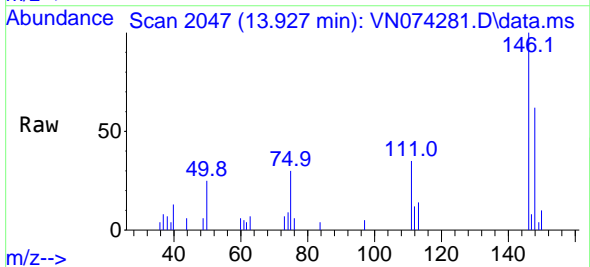
Manual Integrations

APPROVED

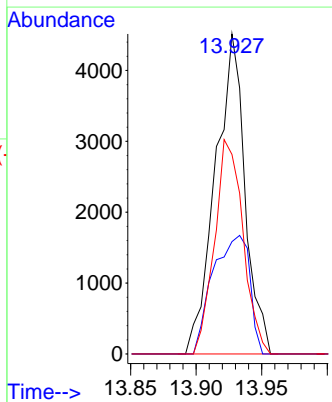
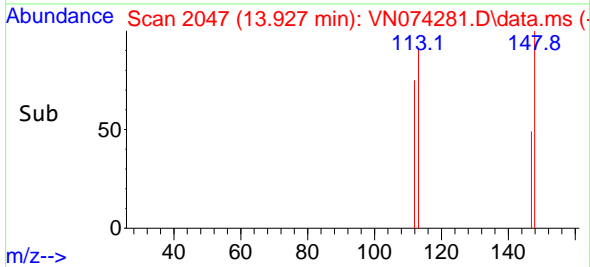
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

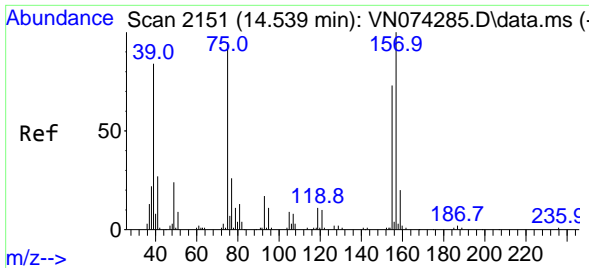


#91  
 1,2-Dichlorobenzene  
 Concen: 1.172 ug/l  
 RT: 13.927 min Scan# 2047  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:146 Resp: 7102  
 Ion Ratio Lower Upper  
 146 100  
 111 45.9 20.9 62.8  
 148 64.2 32.1 96.3





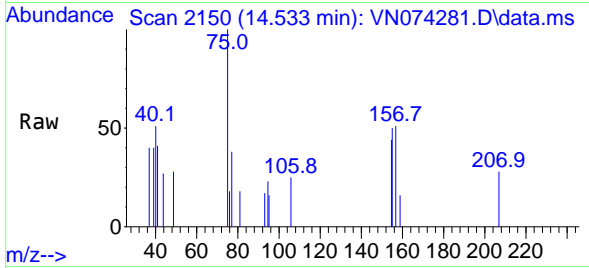
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.247 ug/l  
 RT: 14.533 min Scan# 2151  
 Delta R.T. -0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



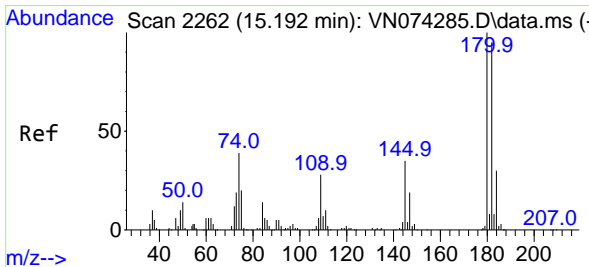
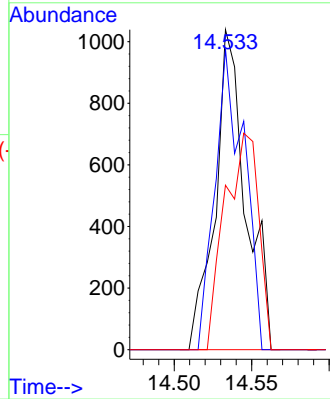
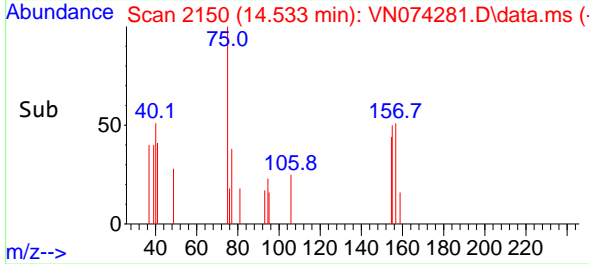
Tgt Ion: 75 Resp: 1429  
 Ion Ratio Lower Upper  
 75 100  
 155 89.6 44.9 134.5  
 157 74.6 59.0 176.8

Manual Integrations

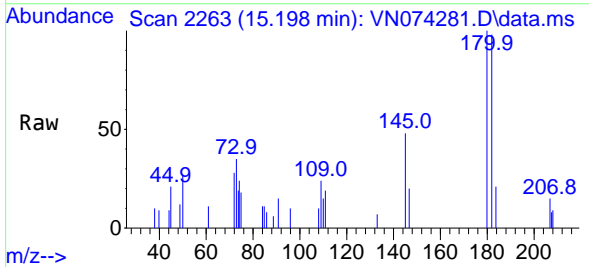
APPROVED

Reviewed By :John Carlone 09/03/2022

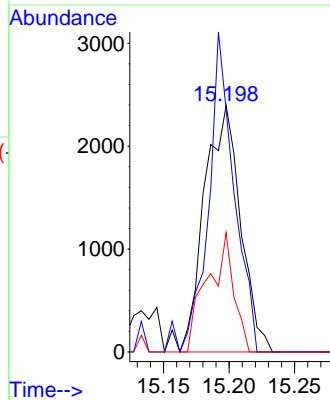
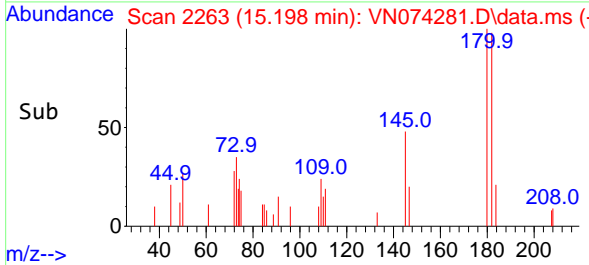
Supervised By :Mahesh Dadoda 09/06/2022

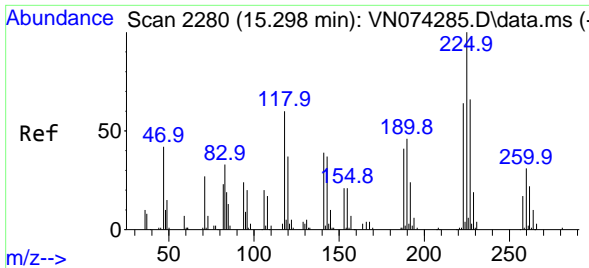


#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.541 ug/l  
 RT: 15.198 min Scan# 2263  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



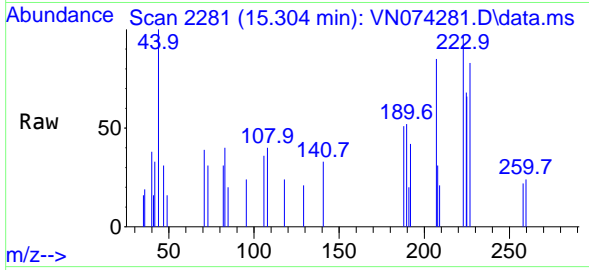
Tgt Ion:180 Resp: 4569  
 Ion Ratio Lower Upper  
 180 100  
 182 93.5 47.5 142.5  
 145 35.5 14.5 43.5





#94  
 Hexachlorobutadiene  
 Concen: 1.203 ug/l  
 RT: 15.304 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

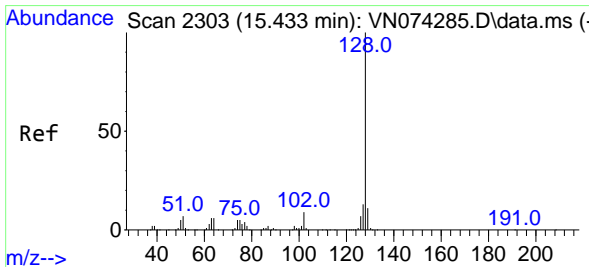
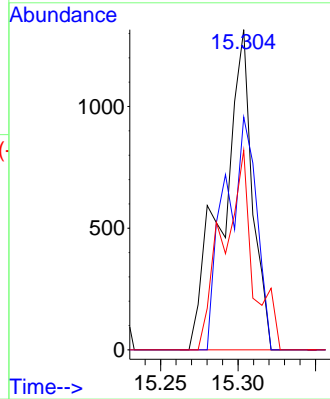
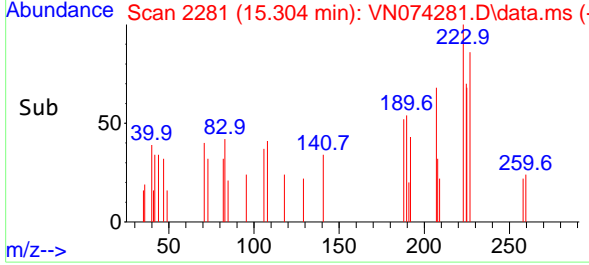
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



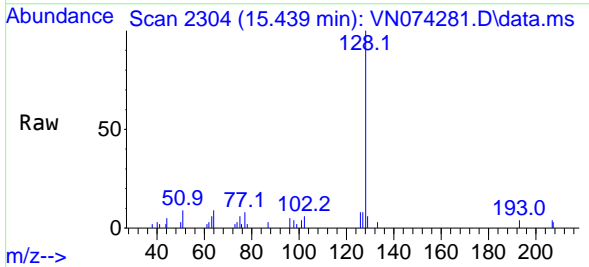
Tgt Ion:225 Resp: 1754  
 Ion Ratio Lower Upper  
 225 100  
 223 76.7 32.4 97.2  
 227 62.8 31.8 95.4

Manual Integrations  
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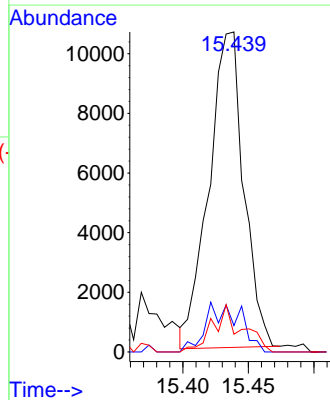
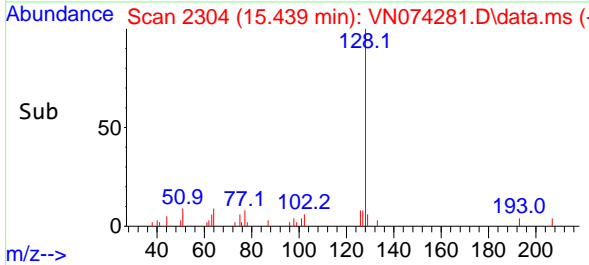
Reviewed By :John Carlone 09/03/2022  
 Supervised By :Mahesh Dadoda 09/06/2022



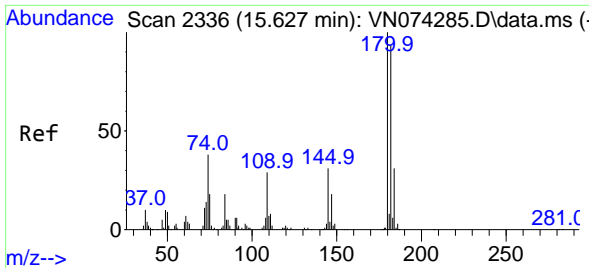
#95  
 Naphthalene  
 Concen: 1.840 ug/l  
 RT: 15.439 min Scan# 2304  
 Delta R.T. 0.006 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46



Tgt Ion:128 Resp: 19596  
 Ion Ratio Lower Upper  
 128 100  
 127 6.7 10.3 15.5#  
 129 12.6 8.6 13.0







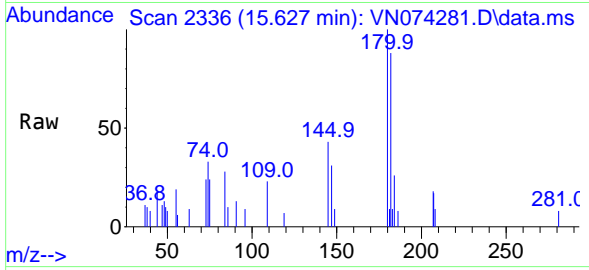
#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.707 ug/l  
 RT: 15.627 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN074281.D  
 Acq: 02 Sep 2022 11:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 524

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 100.2 | 47.8  | 143.3 |
| 145 | 28.1  | 15.5  | 46.5  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

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