

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031924\  
 Data File : VN081461.D  
 Acq On : 19 Mar 2024 11:03  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 20 01:13:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 06:00:00 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 03/20/2024  
 Supervised By : Mahesh Dadoda 03/20/2024

| Compound                     | R.T.           | QIon | Response            | Conc    | Units | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|-------|----------|
| -----                        |                |      |                     |         |       |          |
| Internal Standards           |                |      |                     |         |       |          |
| 1) Pentafluorobenzene        | 8.224          | 168  | 446611              | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100          | 114  | 776137              | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 701233              | 50.000  | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4   | 13.788         | 152  | 324213              | 50.000  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.577          | 65   | 296577              | 52.072  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 104.140% |         |       |          |
| 35) Dibromofluoromethane     | 8.165          | 113  | 253557              | 51.765  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 103.540% |         |       |          |
| 50) Toluene-d8               | 10.565         | 98   | 861344              | 48.646  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 97.300%  |         |       |          |
| 62) 4-Bromofluorobenzene     | 12.847         | 95   | 301934              | 48.394  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 64 - 133 |      | Recovery = 96.780%  |         |       |          |
| Target Compounds             |                |      |                     |         |       |          |
|                              |                |      |                     |         |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 240628              | 40.014  | ug/l  | 93       |
| 3) Chloromethane             | 2.359          | 50   | 258211              | 43.126  | ug/l  | 97       |
| 4) Vinyl Chloride            | 2.518          | 62   | 277883              | 41.355  | ug/l  | 92       |
| 5) Bromomethane              | 2.959          | 94   | 205435              | 43.230  | ug/l  | 93       |
| 6) Chloroethane              | 3.124          | 64   | 193860              | 42.019  | ug/l  | 99       |
| 7) Trichlorofluoromethane    | 3.500          | 101  | 432772              | 43.215  | ug/l  | 95       |
| 8) Diethyl Ether             | 3.959          | 74   | 166762              | 50.317  | ug/l  | 78       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377          | 101  | 242681              | 42.649  | ug/l  | # 87     |
| 10) Methyl Iodide            | 4.594          | 142  | 293918              | 51.869  | ug/l  | 97       |
| 11) Tert butyl alcohol       | 5.518          | 59   | 194884              | 196.349 | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 4.342          | 96   | 231655              | 43.951  | ug/l  | 84       |
| 13) Acrolein                 | 4.177          | 56   | 266117              | 298.797 | ug/l  | 98       |
| 14) Allyl chloride           | 5.024          | 41   | 338318              | 51.225  | ug/l  | # 91     |
| 15) Acrylonitrile            | 5.718          | 53   | 590434              | 222.361 | ug/l  | 97       |
| 16) Acetone                  | 4.424          | 43   | 371342              | 201.746 | ug/l  | 95       |
| 17) Carbon Disulfide         | 4.712          | 76   | 642011              | 42.446  | ug/l  | 96       |
| 18) Methyl Acetate           | 5.018          | 43   | 266826              | 47.020  | ug/l  | # 87     |
| 19) Methyl tert-butyl Ether  | 5.794          | 73   | 846093              | 51.293  | ug/l  | 93       |
| 20) Methylene Chloride       | 5.271          | 84   | 277797              | 46.074  | ug/l  | 85       |
| 21) trans-1,2-Dichloroethene | 5.783          | 96   | 267159              | 45.460  | ug/l  | 91       |
| 22) Diisopropyl ether        | 6.665          | 45   | 788715              | 51.396  | ug/l  | # 93     |
| 23) Vinyl Acetate            | 6.600          | 43   | 3091132             | 253.061 | ug/l  | # 89     |
| 24) 1,1-Dichloroethane       | 6.571          | 63   | 483018              | 46.994  | ug/l  | 97       |
| 25) 2-Butanone               | 7.477          | 43   | 672129              | 212.896 | ug/l  | # 85     |
| 26) 2,2-Dichloropropane      | 7.488          | 77   | 424336              | 47.599  | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 7.483          | 96   | 321148              | 48.298  | ug/l  | 86       |
| 28) Bromochloromethane       | 7.806          | 49   | 201944              | 48.237  | ug/l  | # 52     |
| 29) Tetrahydrofuran          | 7.835          | 42   | 477192              | 224.369 | ug/l  | # 80     |
| 30) Chloroform               | 7.965          | 83   | 530621              | 48.224  | ug/l  | 98       |
| 31) Cyclohexane              | 8.259          | 56   | 377125              | 40.691  | ug/l  | # 77     |
| 32) 1,1,1-Trichloroethane    | 8.171          | 97   | 444571              | 44.533  | ug/l  | 93       |
| 36) 1,1-Dichloropropene      | 8.371          | 75   | 361497              | 43.855  | ug/l  | 95       |
| 37) Ethyl Acetate            | 7.559          | 43   | 305857              | 43.331  | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 8.359          | 117  | 389920              | 43.181  | ug/l  | 94       |
| 39) Methylcyclohexane        | 9.600          | 83   | 422033              | 45.846  | ug/l  | 86       |
| 40) Benzene                  | 8.606          | 78   | 1136482             | 47.158  | ug/l  | 99       |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 20 01:13:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 06:00:00 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John Carlone 03/20/2024  
 Supervised By :Mahesh Dadoda 03/20/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 166338   | 44.560  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 407047   | 47.995  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 534657   | 45.696  | ug/l # | 91       |
| 44) Trichloroethene           | 9.353  | 130  | 304396   | 44.909  | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 284229   | 48.665  | ug/l   | 97       |
| 46) Dibromomethane            | 9.706  | 93   | 210317   | 47.417  | ug/l # | 87       |
| 47) Bromodichloromethane      | 9.888  | 83   | 420735   | 48.516  | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.676  | 41   | 254615   | 47.180  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 103554   | 798.471 | ug/l # | 68       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1584663  | 221.958 | ug/l   | 92       |
| 52) Toluene                   | 10.629 | 92   | 706894   | 46.150  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 457827   | 48.891  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 490091   | 48.814  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 282882   | 45.890  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 416413   | 45.817  | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 488301   | 48.321  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 1045544  | 269.555 | ug/l # | 85       |
| 59) 2-Hexanone                | 11.194 | 43   | 1154973  | 218.807 | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.359 | 129  | 321359   | 47.403  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 293700   | 46.733  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 290608   | 43.355  | ug/l   | 88       |
| 65) Chlorobenzene             | 11.894 | 112  | 749824   | 45.232  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 290528   | 47.287  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1317879  | 45.767  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.070 | 106  | 1019315  | 94.424  | ug/l   | 95       |
| 69) o-Xylene                  | 12.394 | 106  | 498396   | 47.028  | ug/l   | 94       |
| 70) Styrene                   | 12.412 | 104  | 828044   | 48.446  | ug/l   | 96       |
| 71) Bromoform                 | 12.582 | 173  | 205449   | 44.499  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.694 | 105  | 1261552  | 45.648  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 468837   | 46.878  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 344433   | 42.389  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 317652m  | 40.959  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 300765   | 44.056  | ug/l   | 72       |
| 78) n-propylbenzene           | 13.035 | 91   | 1501340  | 46.001  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 887281   | 45.423  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 1087980  | 47.664  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 144652   | 50.404  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 898682   | 46.664  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 893420   | 45.389  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 1080009  | 47.076  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 1272781  | 45.232  | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 1089968  | 47.386  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 572317   | 45.628  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 567342   | 43.683  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 943223   | 46.244  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 188648   | 43.306  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 559166   | 46.317  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 75425    | 43.617  | ug/l   | 70       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 342802   | 49.108  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 130300   | 42.543  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 1117230  | 49.393  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 333523   | 47.501  | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

Quant Time: Mar 20 01:13:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 19 06:00:00 2024  
Response via : Initial Calibration

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

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

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

## Instrument :

MSVOA\_N

## Client SampleId :

VSTDCCC050

## Manual Integrations

## APPROVED

Reviewed By : John Carlone 03/20/2024

Supervised By : Mahesh Dadoda 03/20/2024

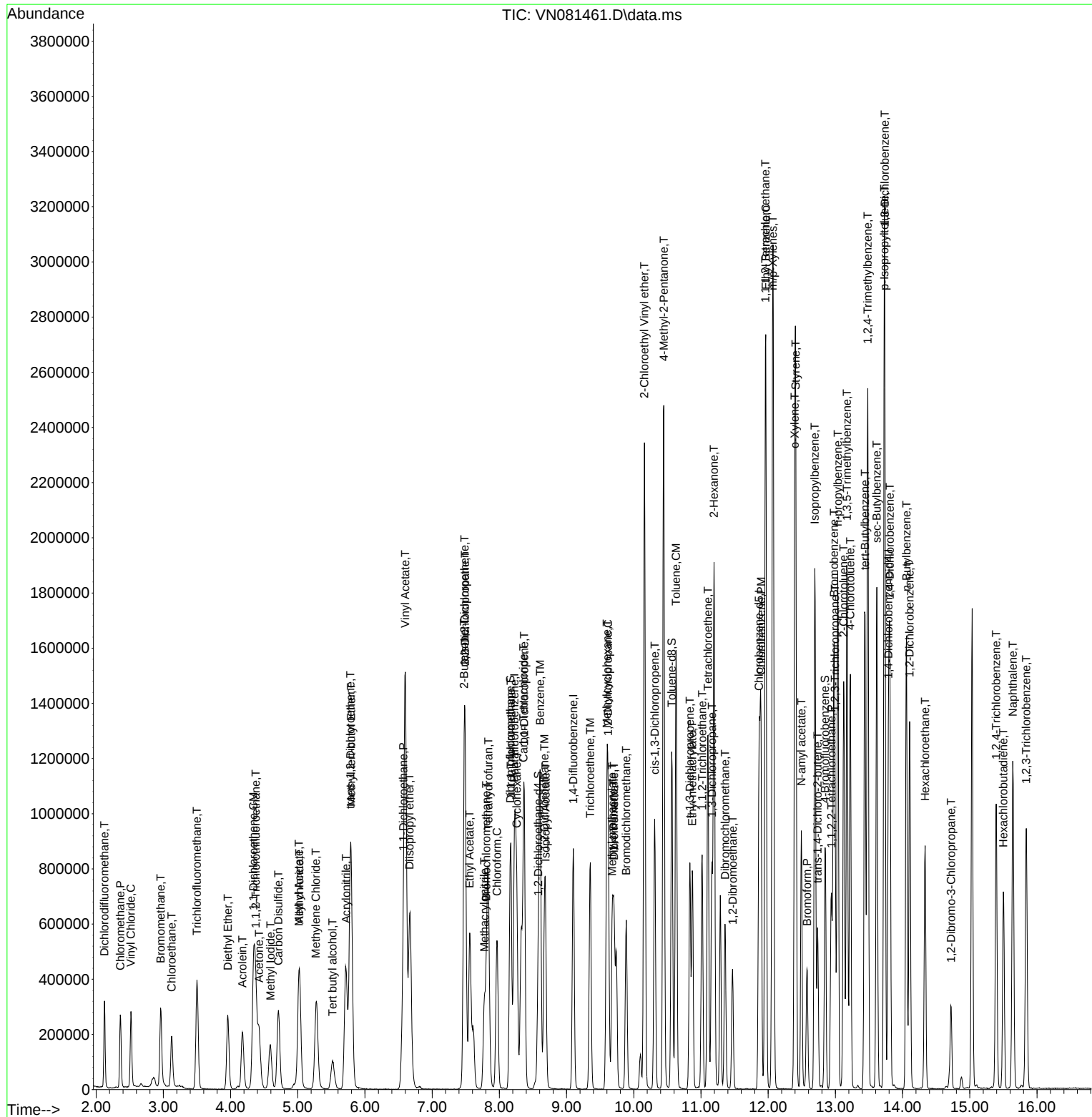
Quant Time: Mar 20 01:13:33 2024

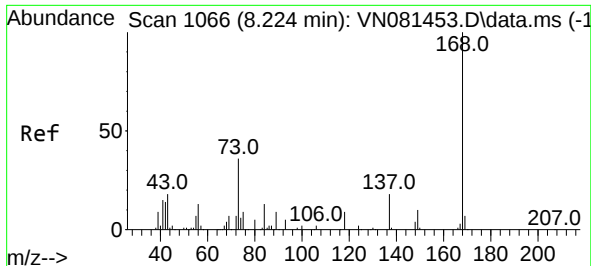
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Quant Title : SW846 8260

QLast Update : Tue Mar 19 06:00:00 2024

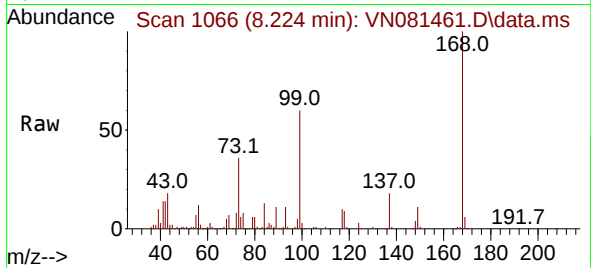
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

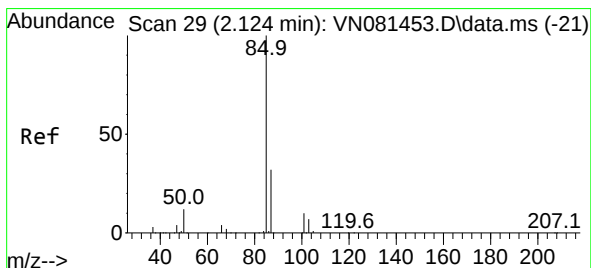
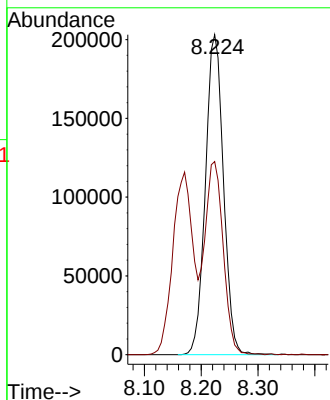
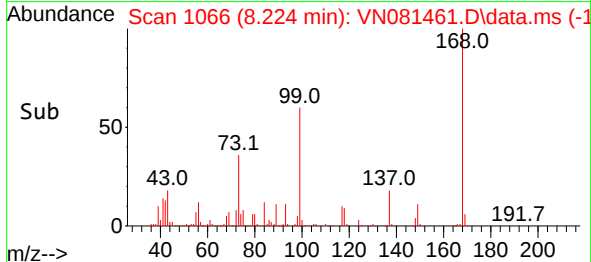
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion:168 Resp: 44661  
Ion Ratio Lower Upper  
168 100  
99 60.3 59.9 89.9

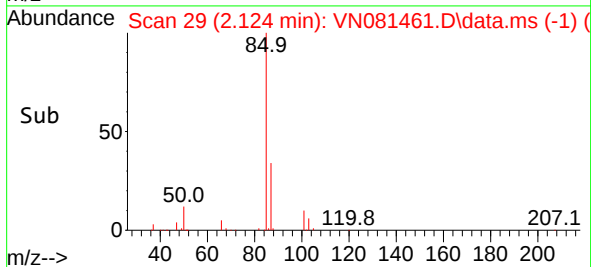
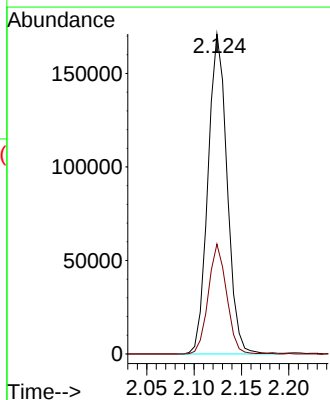
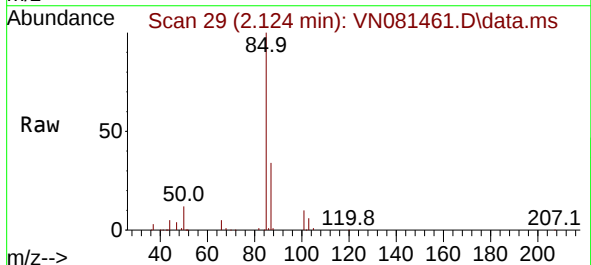
Manual Integrations  
APPROVED

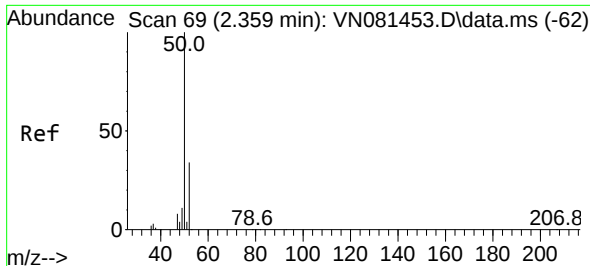
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#2  
Dichlorodifluoromethane  
Concen: 40.014 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

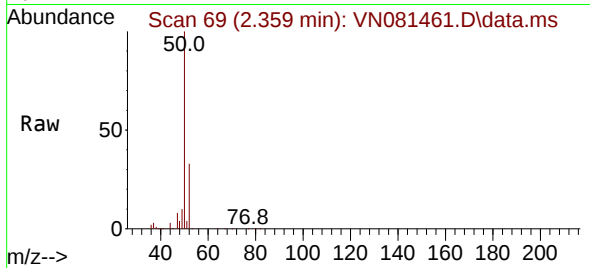
Tgt Ion: 85 Resp: 240628  
Ion Ratio Lower Upper  
85 100  
87 34.3 15.3 45.9





#3  
Chloromethane  
Concen: 43.126 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

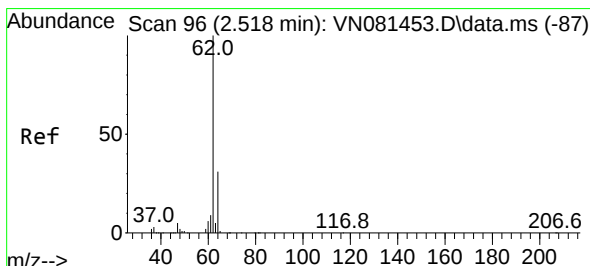
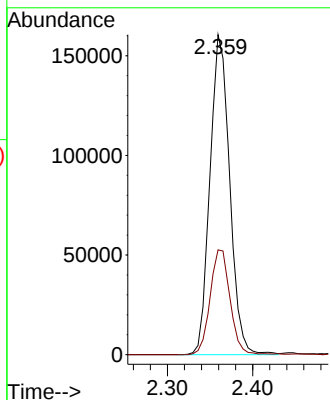
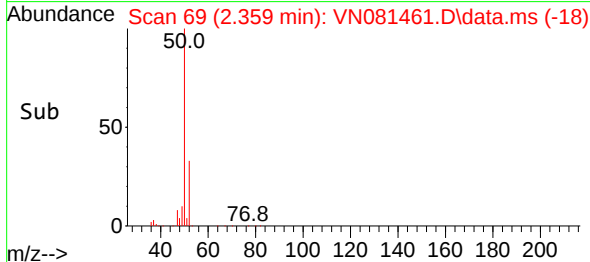
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 50 Resp: 25821  
Ion Ratio Lower Upper  
50 100  
52 32.7 25.0 37.4

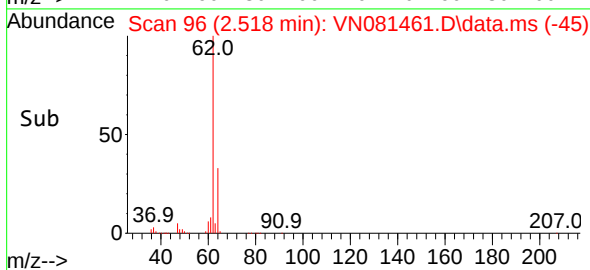
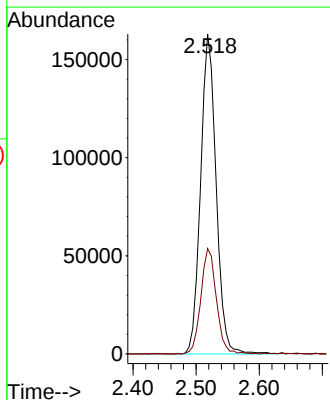
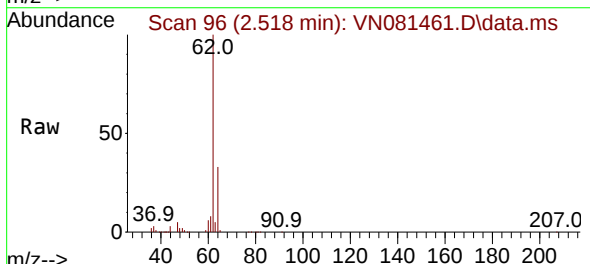
Manual Integrations  
APPROVED

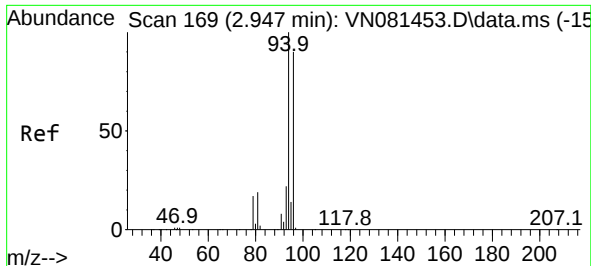
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#4  
Vinyl Chloride  
Concen: 41.355 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

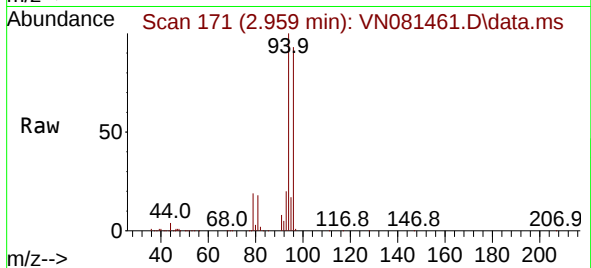
Tgt Ion: 62 Resp: 277883  
Ion Ratio Lower Upper  
62 100  
64 32.9 22.7 34.1





#5  
Bromomethane  
Concen: 43.230 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

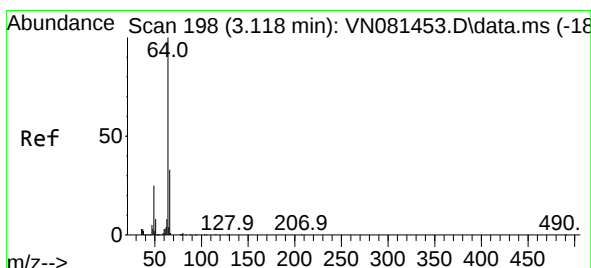
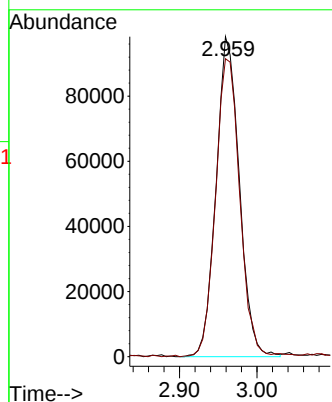
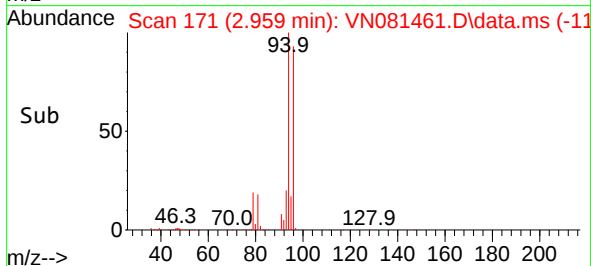
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



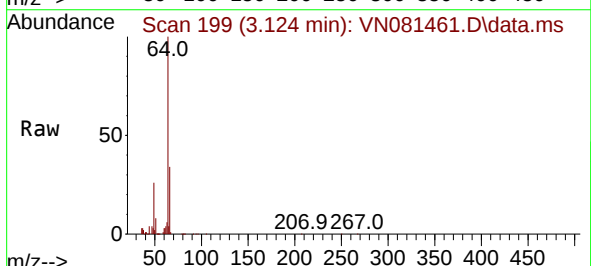
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Ion Ratio Lower Upper  
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Manual Integrations  
APPROVED

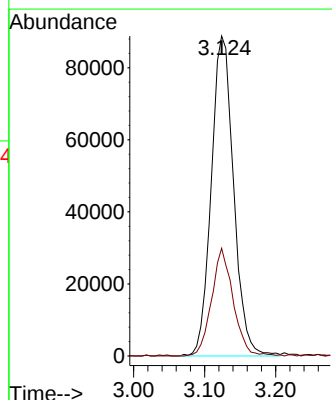
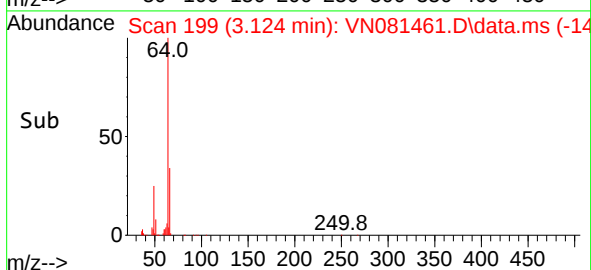
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

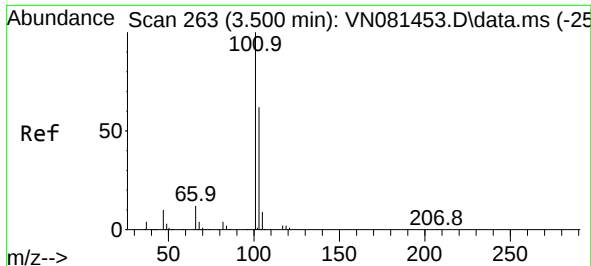


#6  
Chloroethane  
Concen: 42.019 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03



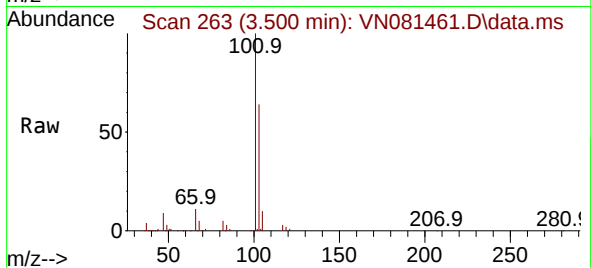
Tgt Ion: 64 Resp: 193860  
Ion Ratio Lower Upper  
64 100  
66 33.7 26.4 39.6





#7  
 Trichlorofluoromethane  
 Concen: 43.215 ug/l  
 RT: 3.500 min Scan# 263  
 Delta R.T. 0.000 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03

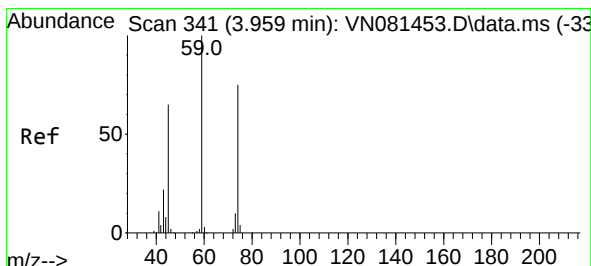
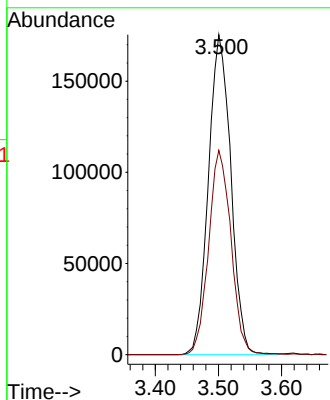
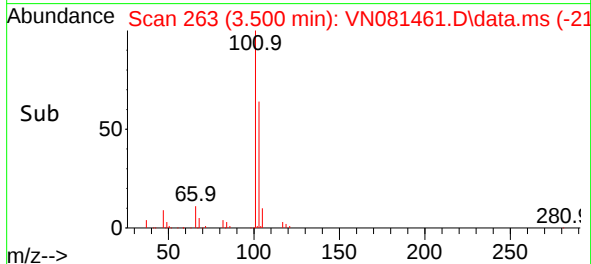
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050



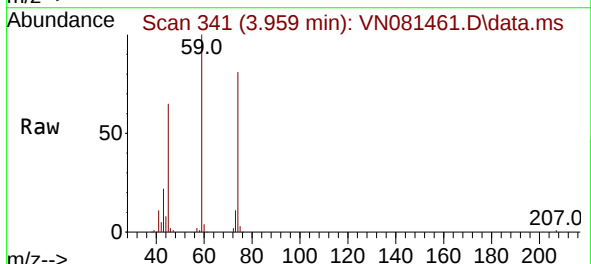
Tgt Ion:101 Resp: 432772  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 54.4 81.6

Manual Integrations  
 APPROVED

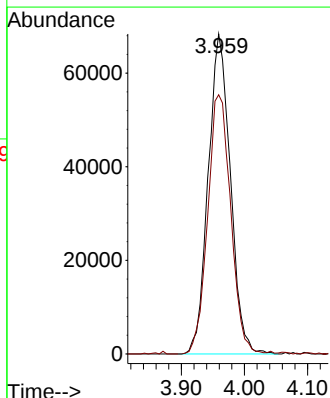
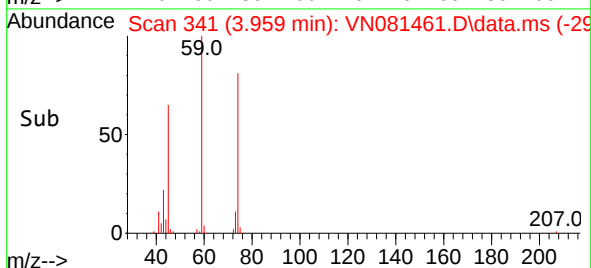
Reviewed By :John Carlone 03/20/2024  
 Supervised By :Mahesh Dadoda 03/20/2024

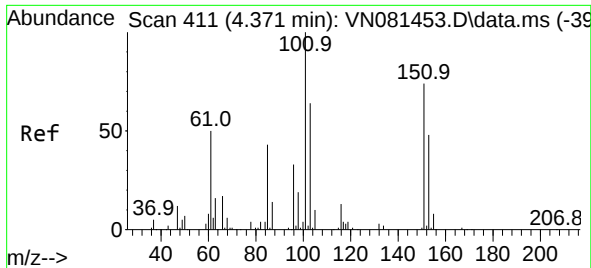


#8  
 Diethyl Ether  
 Concen: 50.317 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03



Tgt Ion: 74 Resp: 166762  
 Ion Ratio Lower Upper  
 74 100  
 45 84.2 53.3 159.9





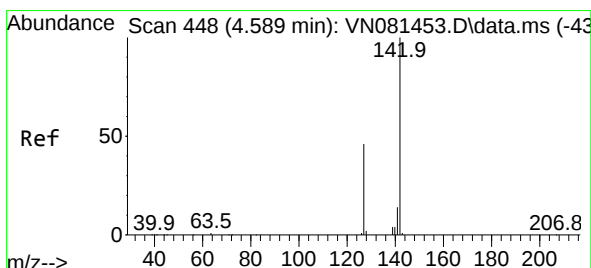
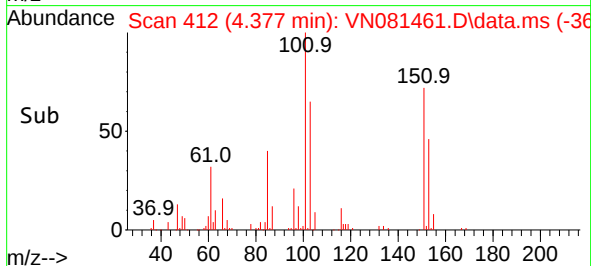
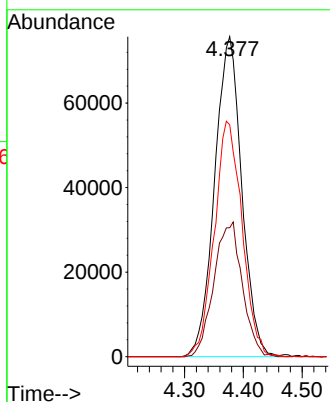
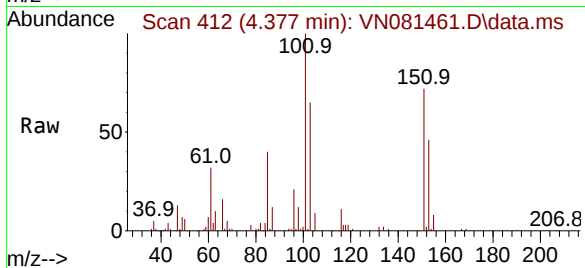
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 42.649 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 24268  
Ion Ratio Lower Upper  
101 100  
85 44.0 38.1 57.1  
151 75.3 49.1 73.7

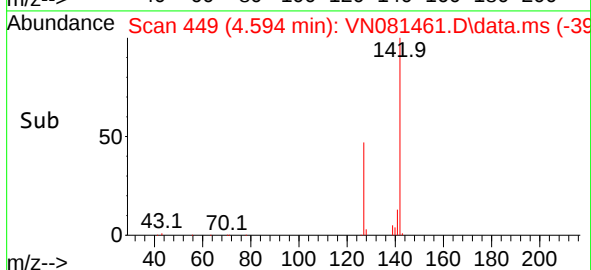
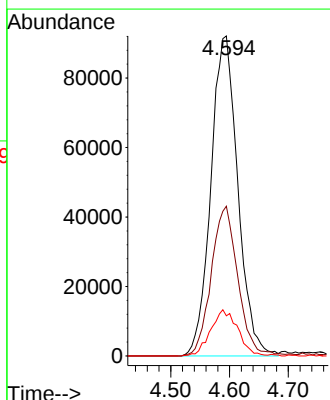
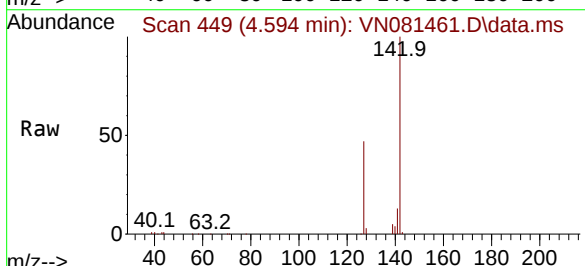
Manual Integrations  
APPROVED

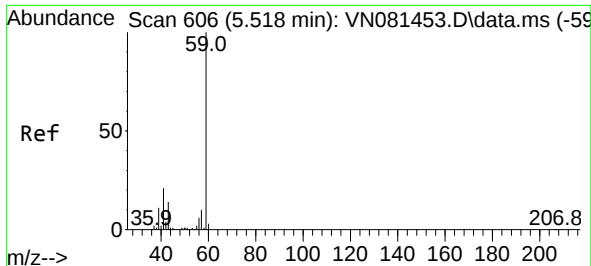
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#10  
Methyl Iodide  
Concen: 51.869 ug/l  
RT: 4.594 min Scan# 449  
Delta R.T. 0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

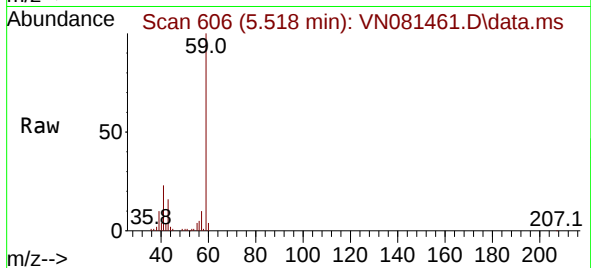
Tgt Ion:142 Resp: 293918  
Ion Ratio Lower Upper  
142 100  
127 46.8 37.0 55.4  
141 12.5 12.5 18.7





#11  
Tert butyl alcohol  
Concen: 196.349 ug/l  
RT: 5.518 min Scan# 606  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

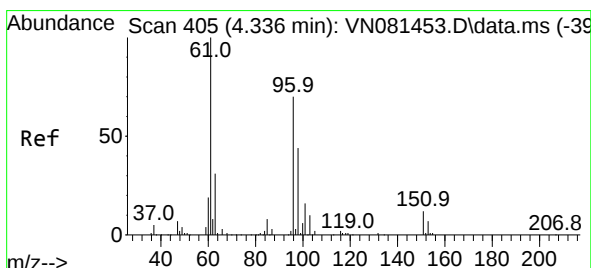
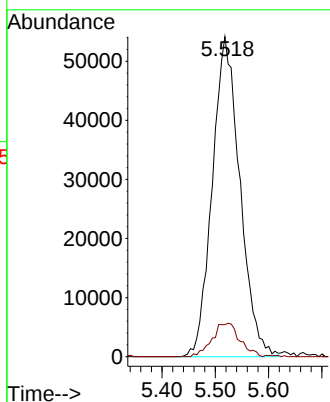
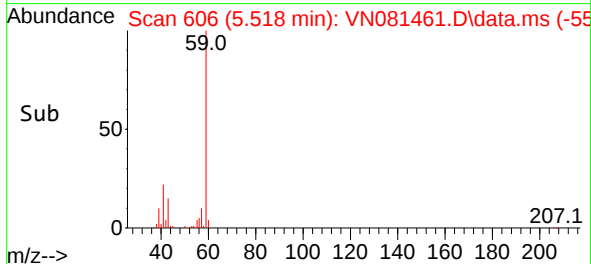
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



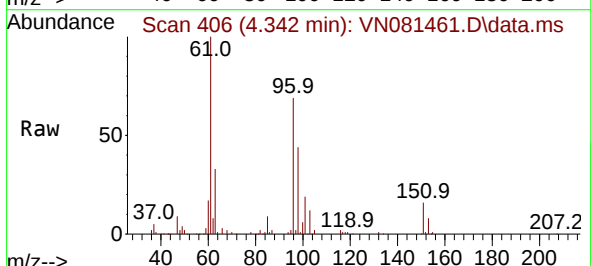
Tgt Ion: 59 Resp: 194884  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.6 12.8

Manual Integrations  
APPROVED

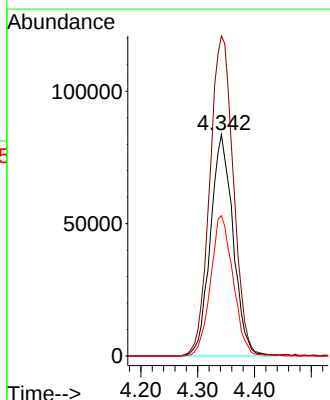
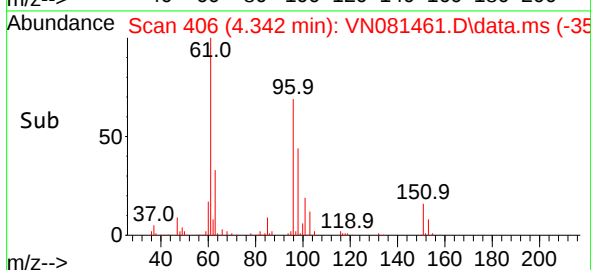
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

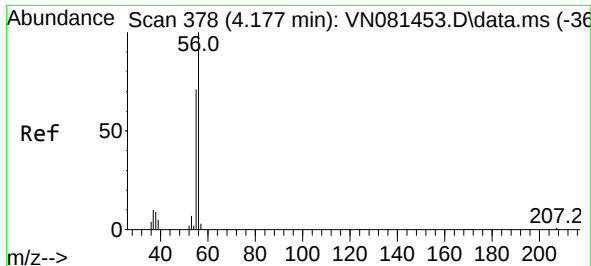


#12  
1,1-Dichloroethene  
Concen: 43.951 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03



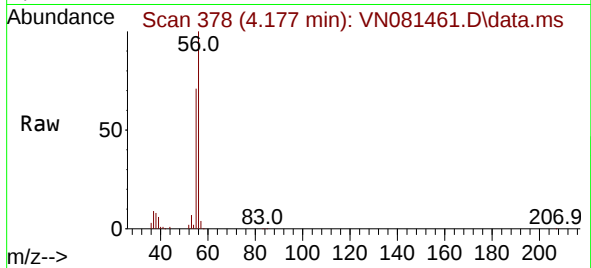
Tgt Ion: 96 Resp: 231655  
Ion Ratio Lower Upper  
96 100  
61 144.6 138.2 207.4  
98 63.4 49.2 73.8





#13  
Acrolein  
Concen: 298.797 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

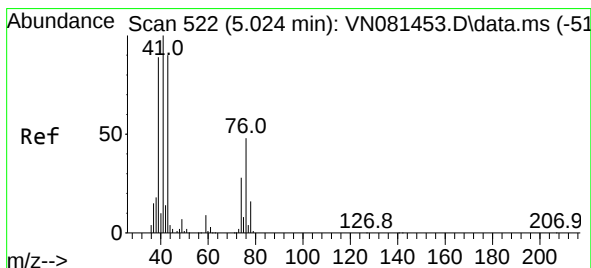
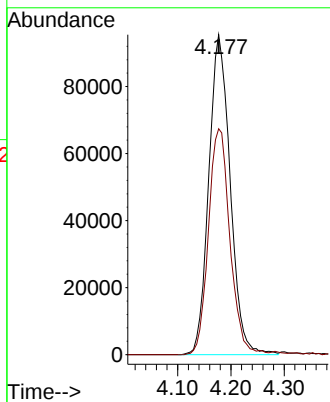
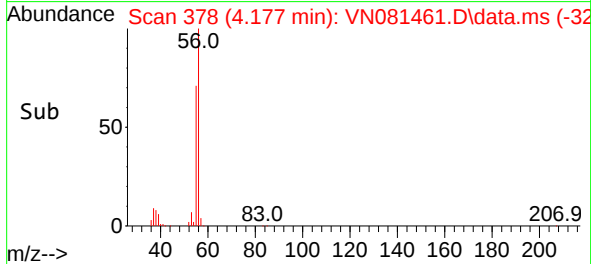
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 56 Resp: 26611  
Ion Ratio Lower Upper  
56 100  
55 70.8 55.3 82.9

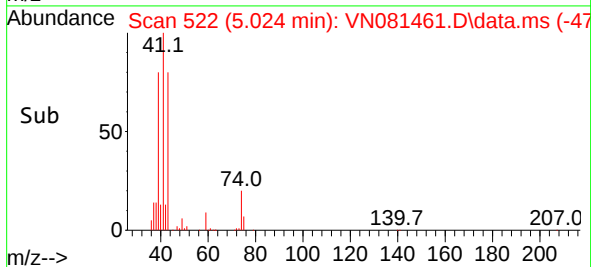
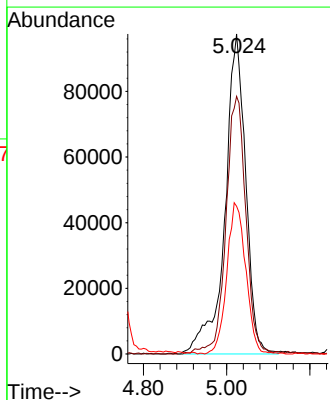
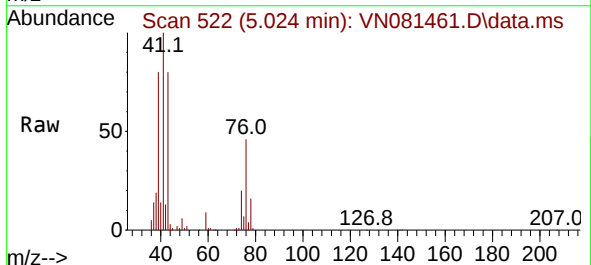
Manual Integrations  
APPROVED

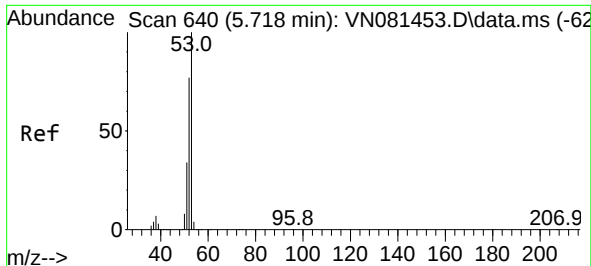
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#14  
Allyl chloride  
Concen: 51.225 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

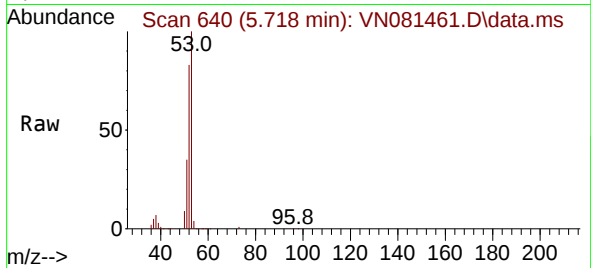
Tgt Ion: 41 Resp: 338318  
Ion Ratio Lower Upper  
41 100  
39 76.9 57.7 86.5  
76 43.1 26.8 40.2#





#15  
Acrylonitrile  
Concen: 222.361 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

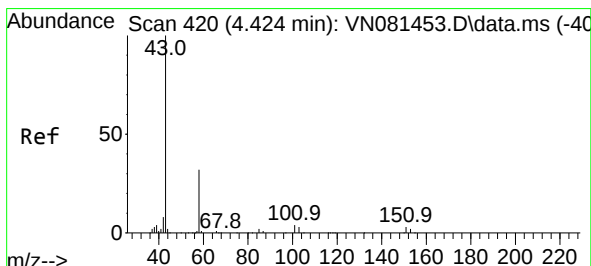
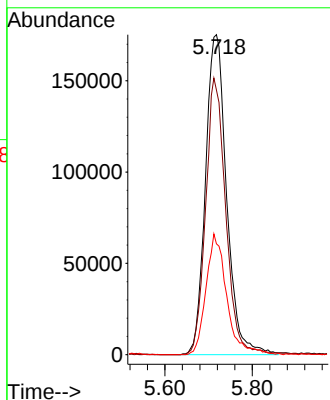
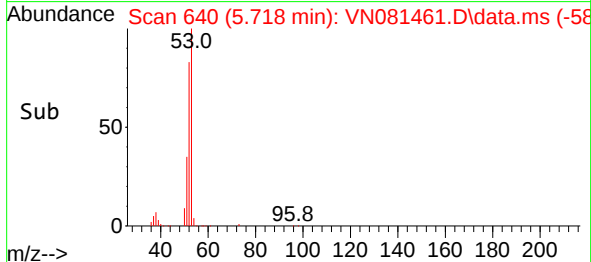
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 53 Resp: 590434  
Ion Ratio Lower Upper  
53 100  
52 82.3 64.8 97.2  
51 36.9 26.9 40.3

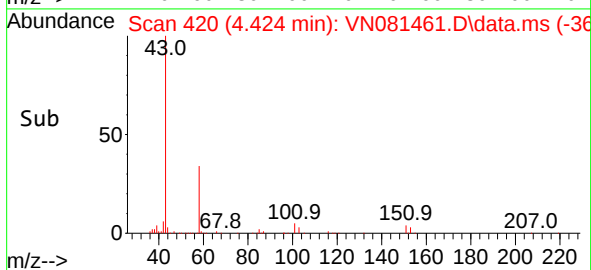
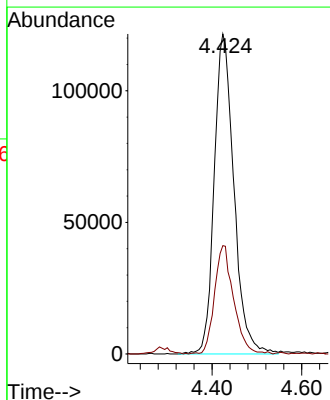
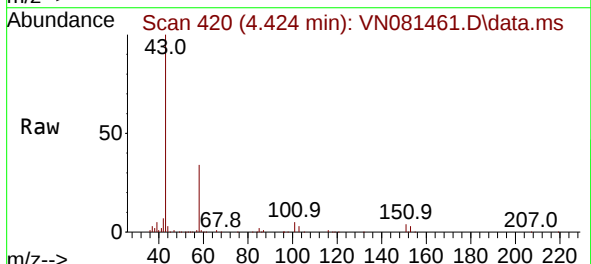
Manual Integrations  
APPROVED

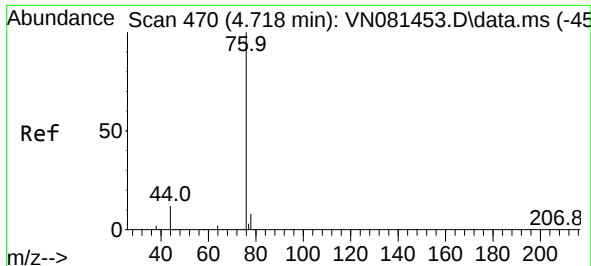
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#16  
Acetone  
Concen: 201.746 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

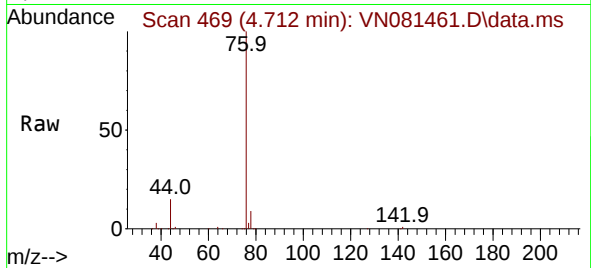
Tgt Ion: 43 Resp: 371342  
Ion Ratio Lower Upper  
43 100  
58 33.5 24.8 37.2





#17  
Carbon Disulfide  
Concen: 42.446 ug/l  
RT: 4.712 min Scan# 401  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

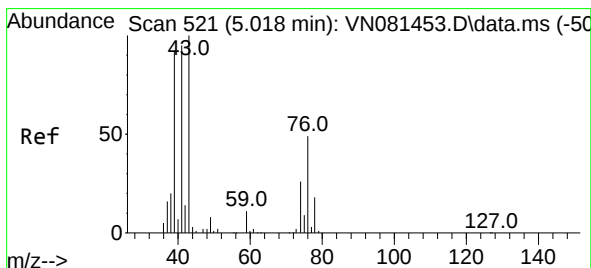
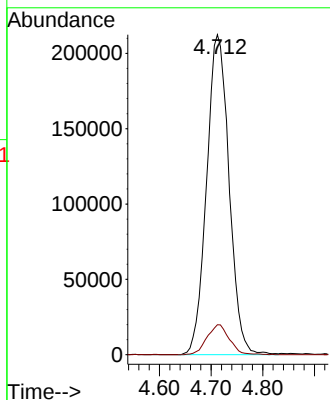
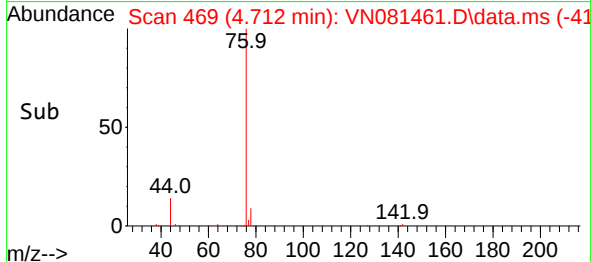
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 76 Resp: 64201  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.3 9.5

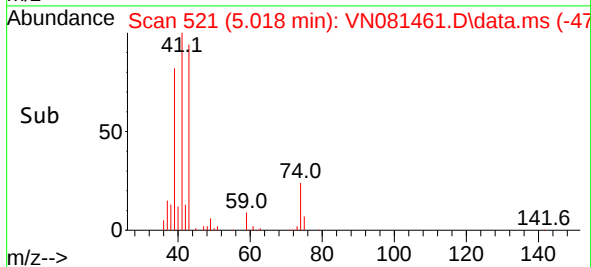
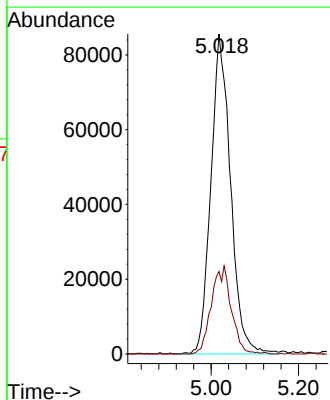
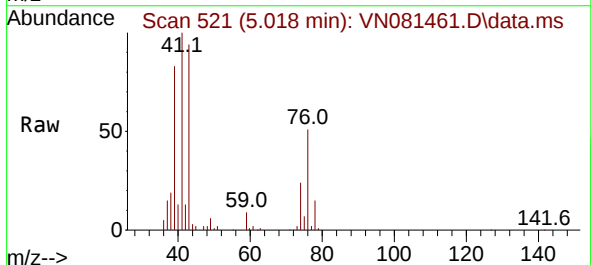
Manual Integrations  
APPROVED

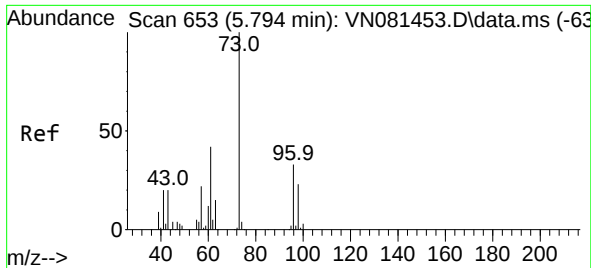
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#18  
Methyl Acetate  
Concen: 47.020 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

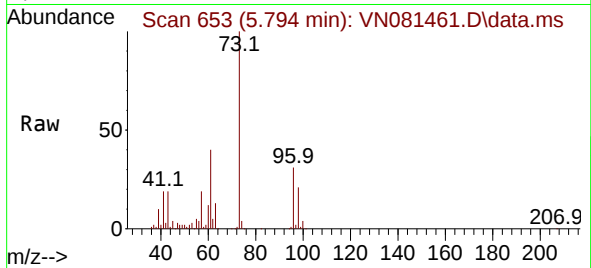
Tgt Ion: 43 Resp: 266826  
Ion Ratio Lower Upper  
43 100  
74 27.7 17.3 25.9





#19  
Methyl tert-butyl Ether  
Concen: 51.293 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

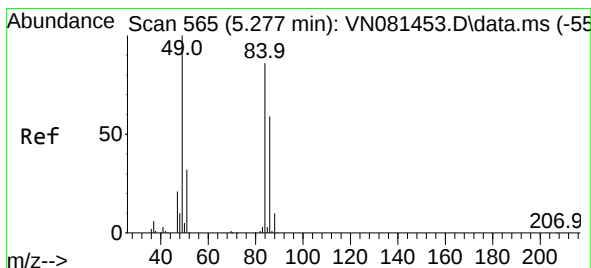
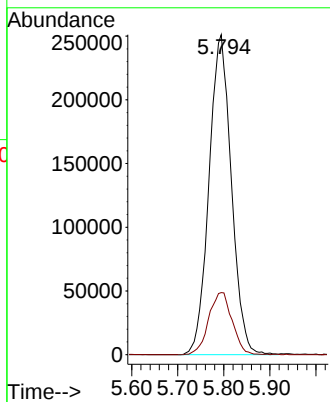
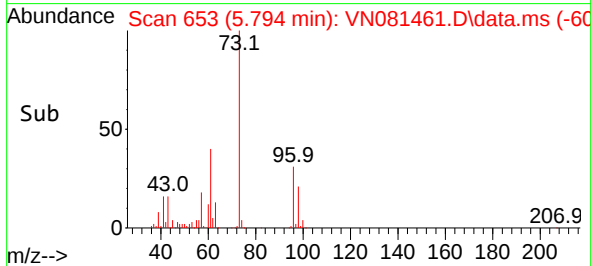
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 73 Resp: 84609  
Ion Ratio Lower Upper  
73 100  
57 19.4 18.2 27.4

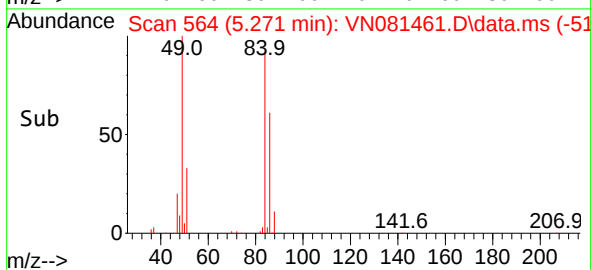
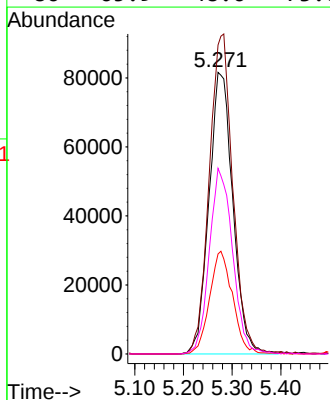
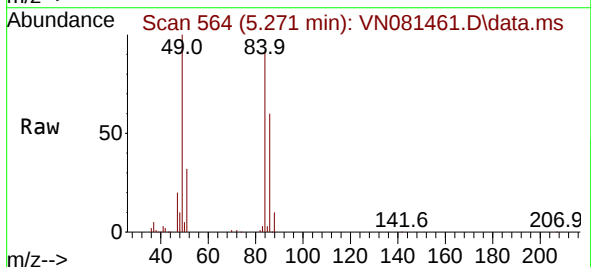
Manual Integrations  
APPROVED

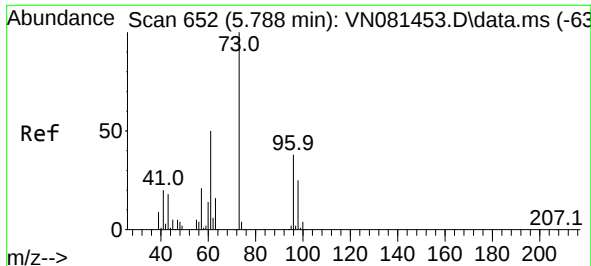
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#20  
Methylene Chloride  
Concen: 46.074 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

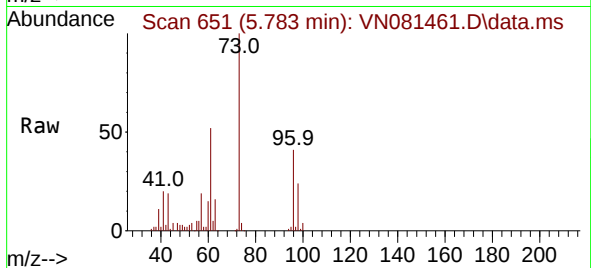
Tgt Ion: 84 Resp: 277797  
Ion Ratio Lower Upper  
84 100  
49 109.7 108.1 162.1  
51 35.5 32.9 49.3  
86 65.9 48.6 73.0





#21  
trans-1,2-Dichloroethene  
Concen: 45.460 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

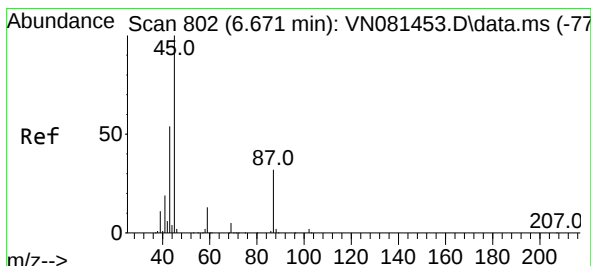
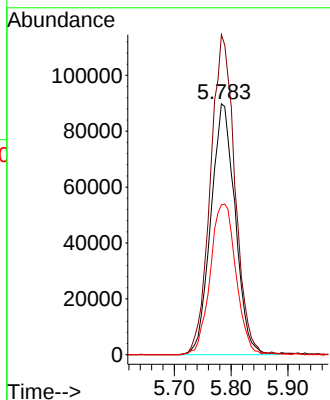
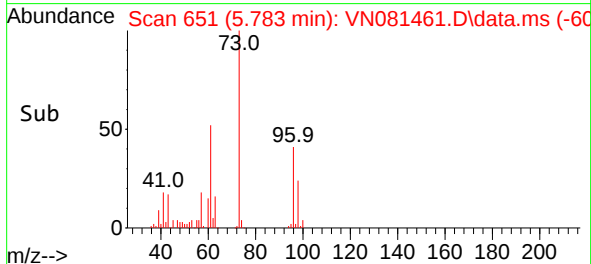
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 96 Resp: 26715  
Ion Ratio Lower Upper  
96 100  
61 127.5 112.8 169.2  
98 59.7 51.0 76.4

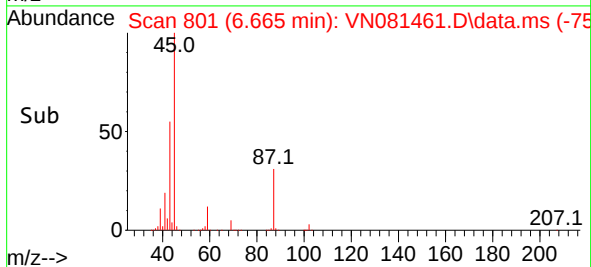
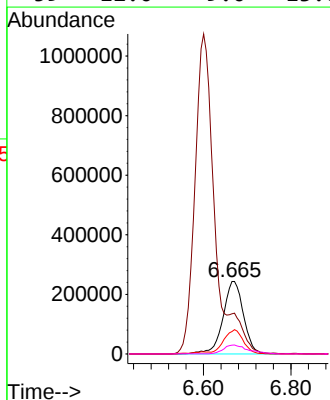
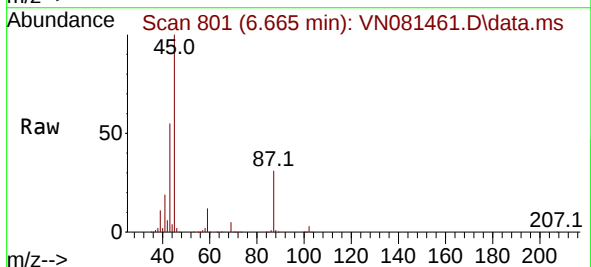
Manual Integrations  
APPROVED

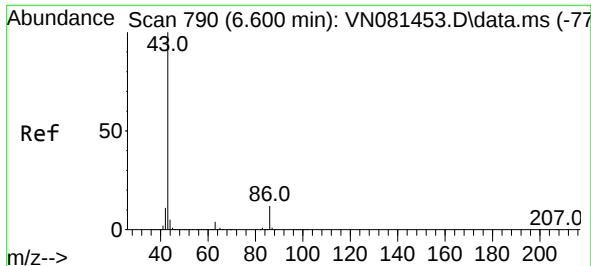
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#22  
Diisopropyl ether  
Concen: 51.396 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Tgt Ion: 45 Resp: 788715  
Ion Ratio Lower Upper  
45 100  
43 54.6 41.8 62.8  
87 30.8 18.1 27.1#  
59 12.0 9.0 13.6





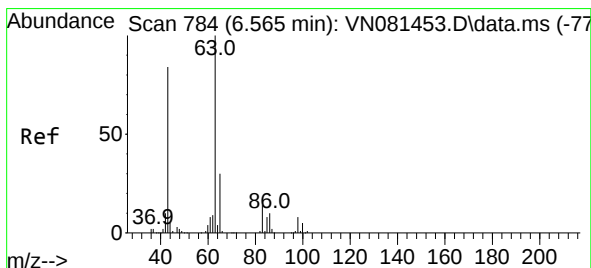
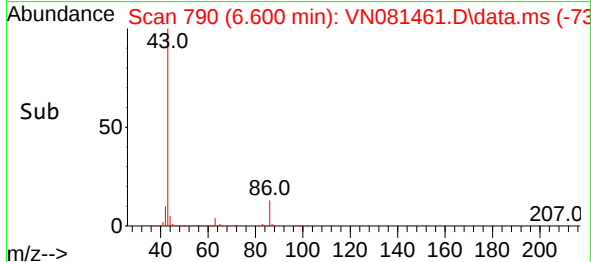
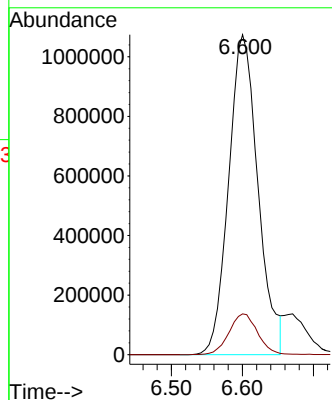
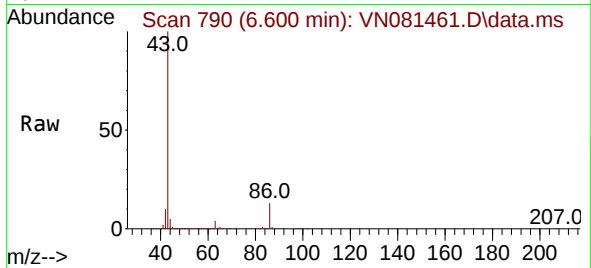
#23  
 Vinyl Acetate  
 Concen: 253.061 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 309113  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 7.1 10.7

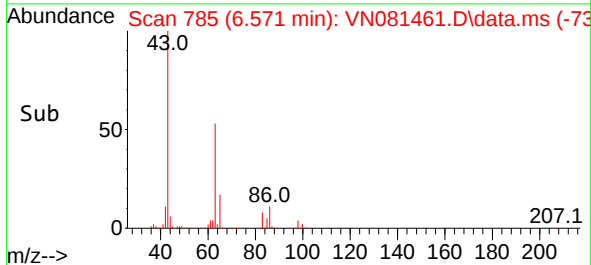
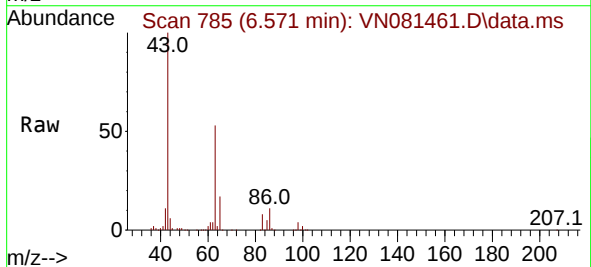
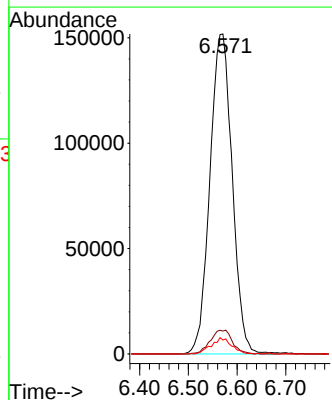
Manual Integrations  
 APPROVED

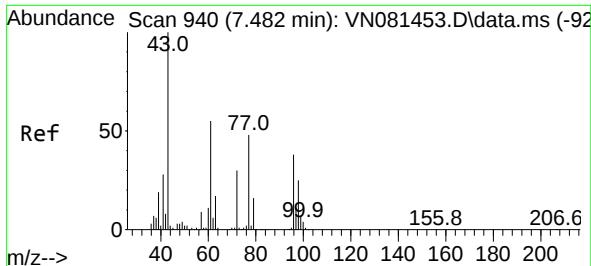
Reviewed By :John Carlone 03/20/2024  
 Supervised By :Mahesh Dadoda 03/20/2024



#24  
 1,1-Dichloroethane  
 Concen: 46.994 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03

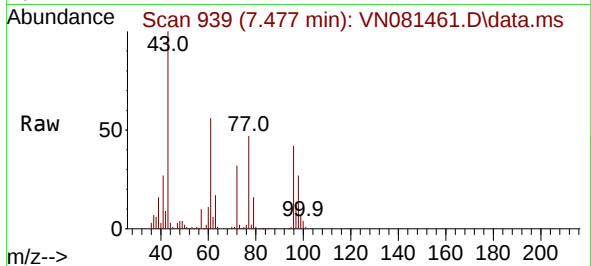
Tgt Ion: 63 Resp: 483018  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 2.9 8.6  
 100 4.4 1.9 5.7





#25  
2-Butanone  
Concen: 212.896 ug/l  
RT: 7.477 min Scan# 912  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

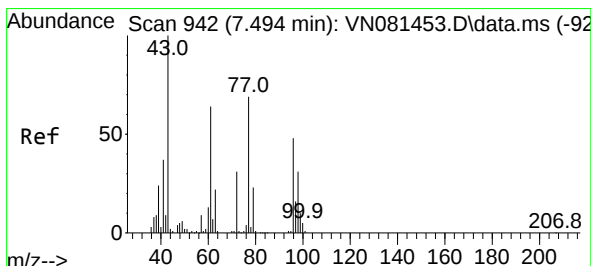
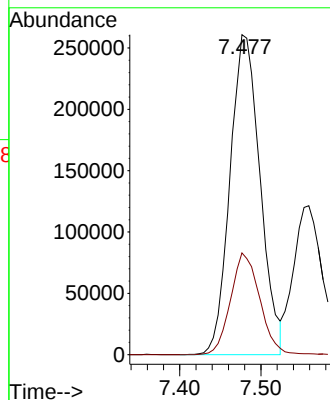
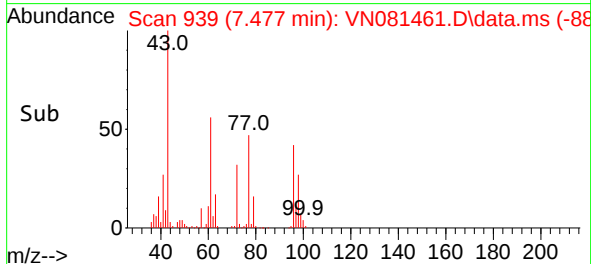
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 672129  
Ion Ratio Lower Upper  
43 100  
72 31.8 19.5 29.3

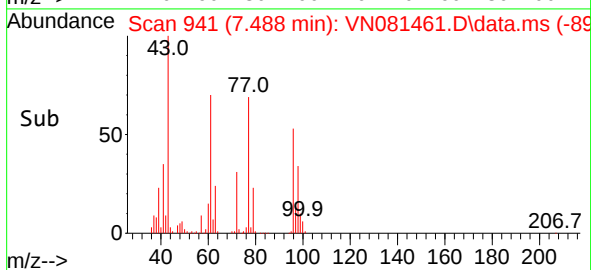
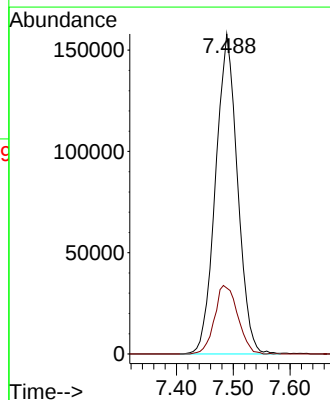
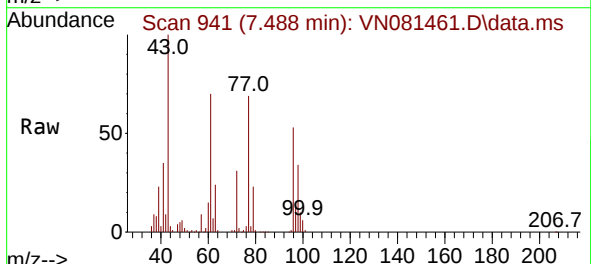
Manual Integrations  
APPROVED

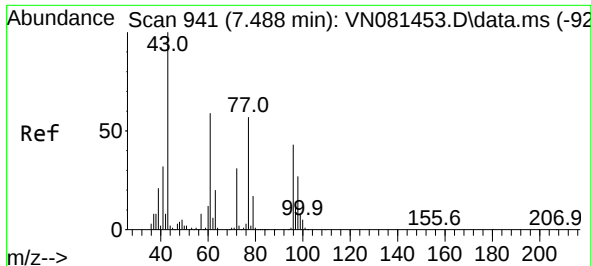
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#26  
2,2-Dichloropropane  
Concen: 47.599 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

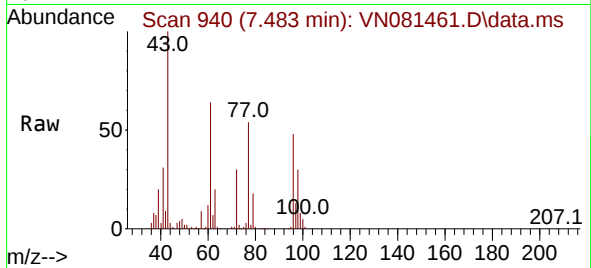
Tgt Ion: 77 Resp: 424336  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.5 34.5





#27  
 cis-1,2-Dichloroethene  
 Concen: 48.298 ug/l  
 RT: 7.483 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03

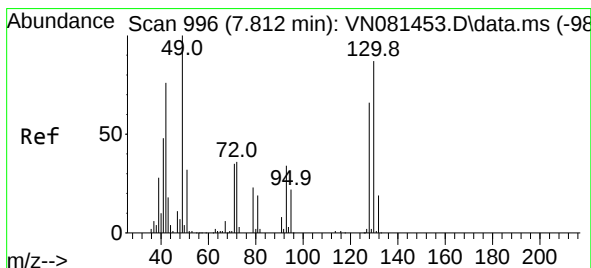
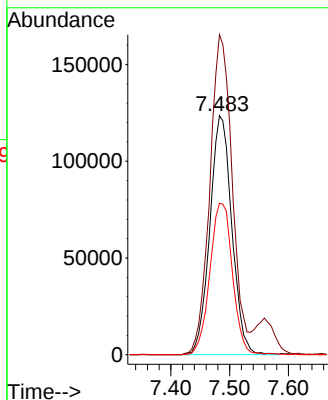
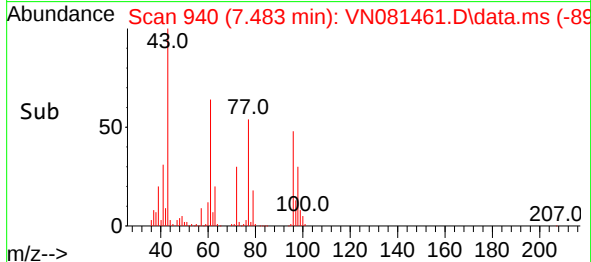
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050



Tgt Ion: 96 Resp: 321148  
 Ion Ratio Lower Upper  
 96 100  
 61 136.4 0.0 325.4  
 98 64.9 0.0 130.4

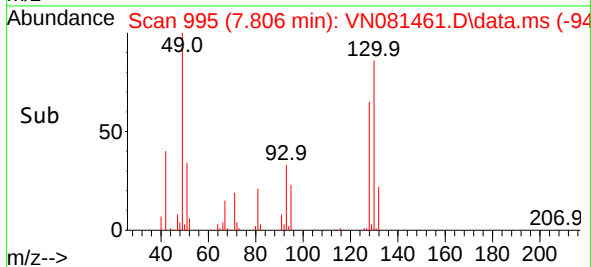
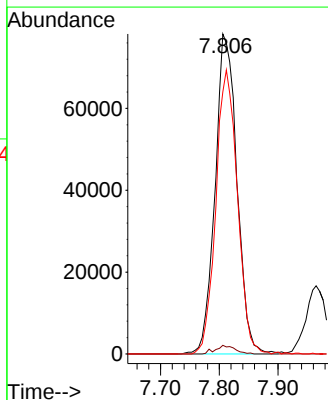
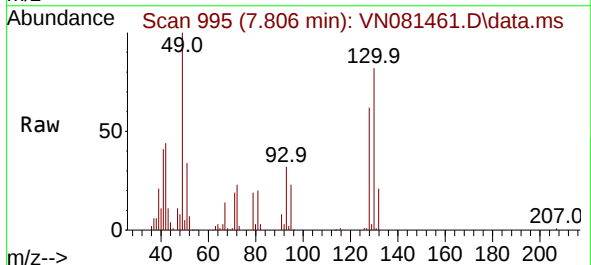
Manual Integrations  
 APPROVED

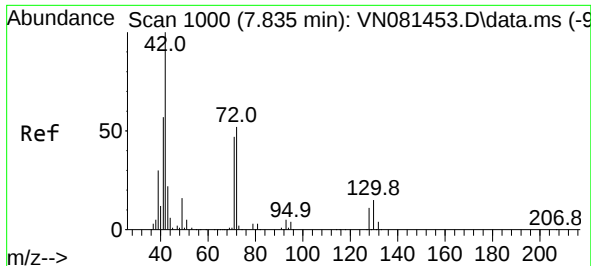
Reviewed By :John Carlone 03/20/2024  
 Supervised By :Mahesh Dadoda 03/20/2024



#28  
 Bromochloromethane  
 Concen: 48.237 ug/l  
 RT: 7.806 min Scan# 995  
 Delta R.T. -0.006 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03

Tgt Ion: 49 Resp: 201944  
 Ion Ratio Lower Upper  
 49 100  
 129 2.4 0.0 1.6#  
 130 87.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 224.369 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081461.D

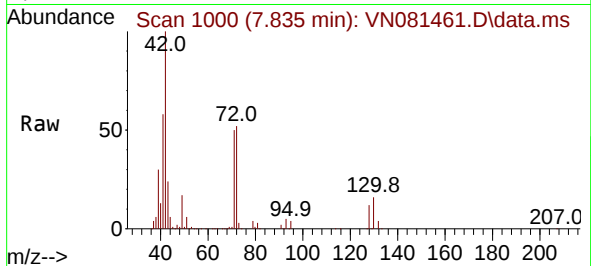
Acq: 19 Mar 2024 11:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050



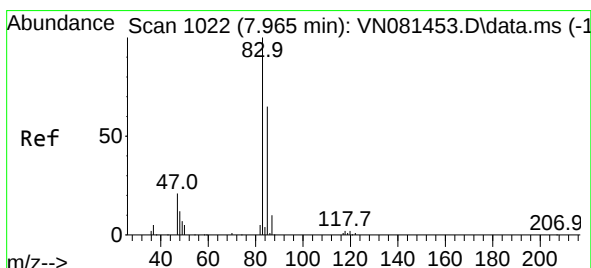
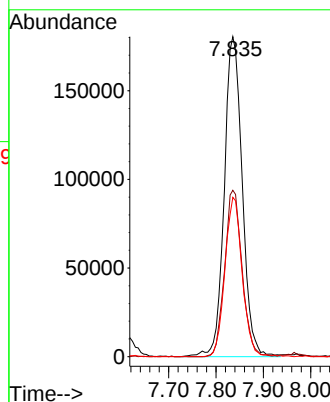
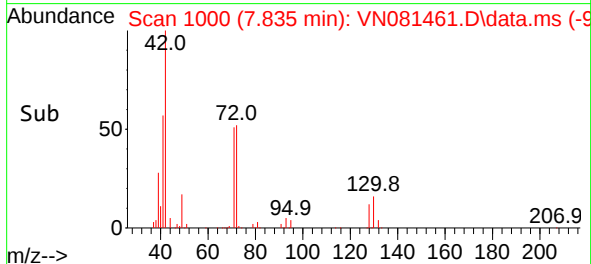
| Tgt Ion:  | 42   | Resp: | 47719 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 42        | 100  |       |       |
| 72        | 50.4 | 31.1  | 46.7  |
| 71        | 47.9 | 28.3  | 42.5  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#30

Chloroform

Concen: 48.224 ug/l

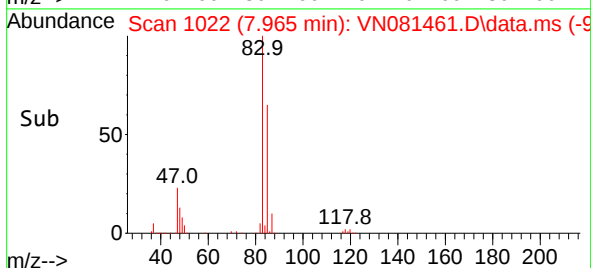
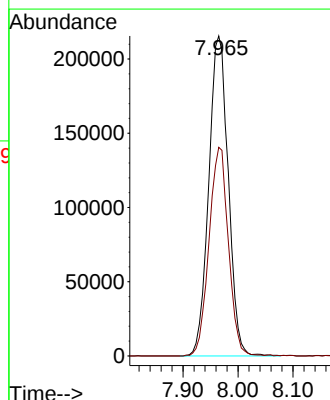
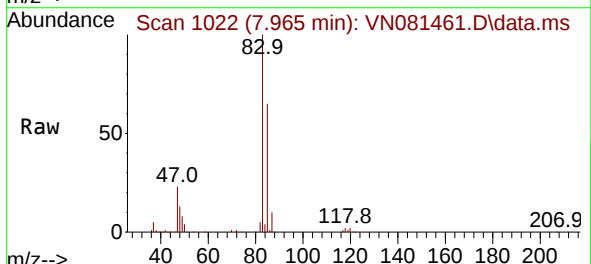
RT: 7.965 min Scan# 1022

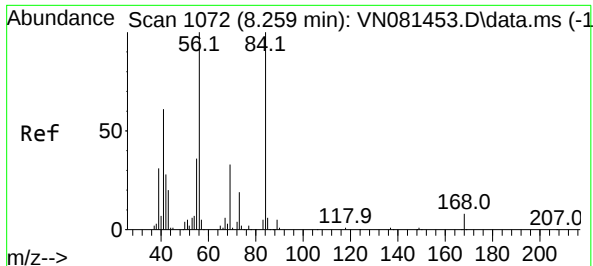
Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

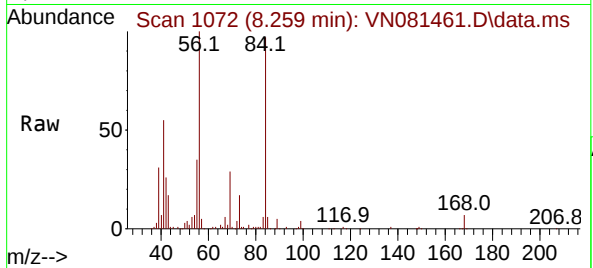
| Tgt Ion:  | 83   | Resp: | 530621 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 65.2 | 51.0  | 76.6   |





#31  
Cyclohexane  
Concen: 40.691 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

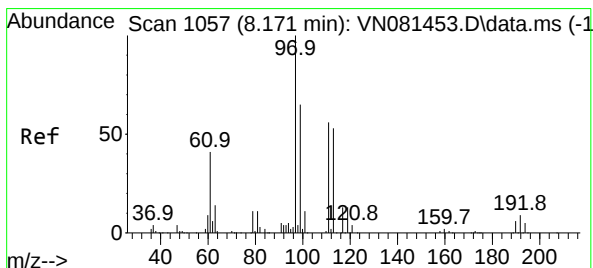
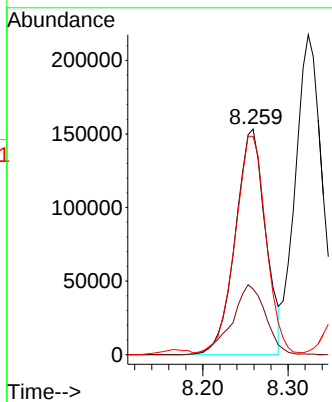
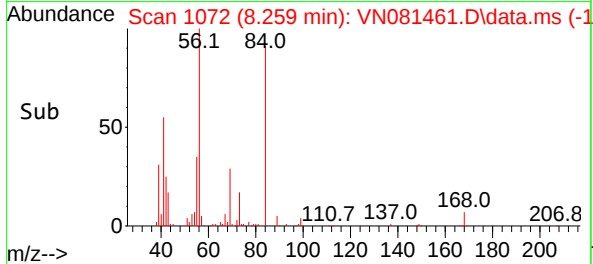
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



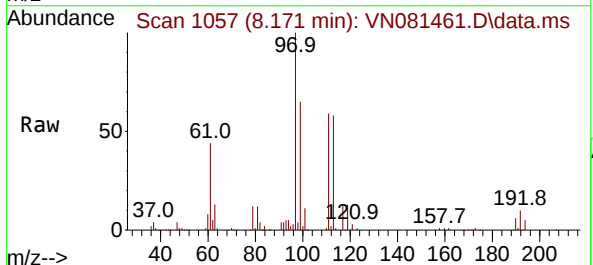
Tgt Ion: 56 Resp: 377125  
Ion Ratio Lower Upper  
56 100  
69 29.1 20.1 30.1  
84 94.7 56.9 85.3

Manual Integrations  
APPROVED

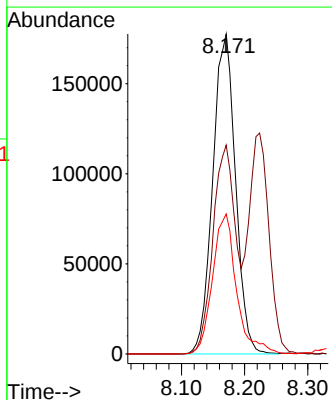
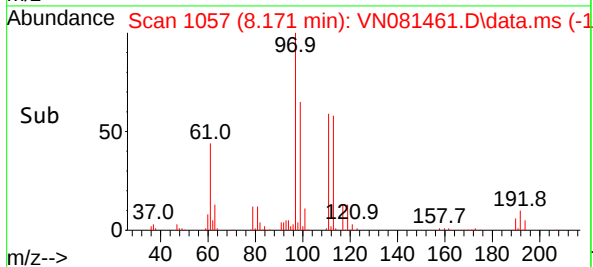
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

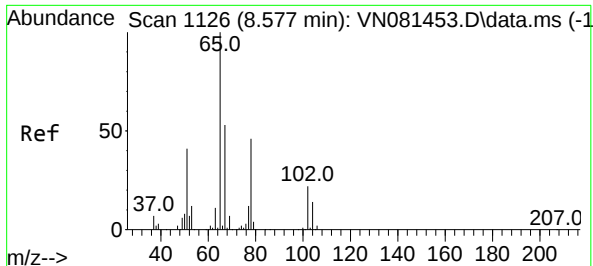


#32  
1,1,1-Trichloroethane  
Concen: 44.533 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03



Tgt Ion: 97 Resp: 444571  
Ion Ratio Lower Upper  
97 100  
99 64.5 53.4 80.0  
61 46.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.072 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 29657

Ion Ratio Lower Upper

65 100

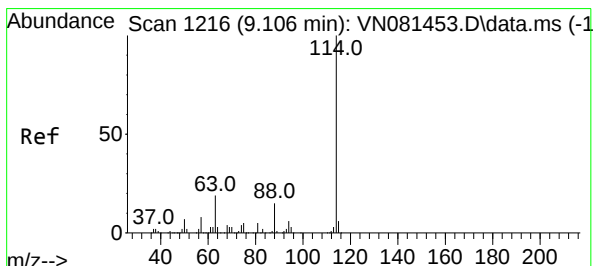
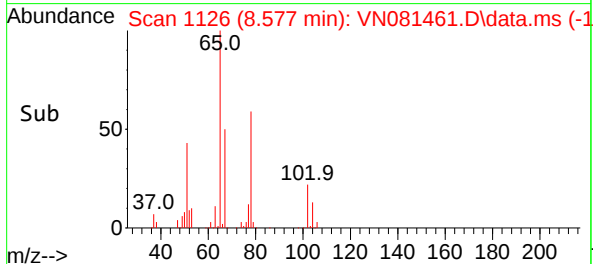
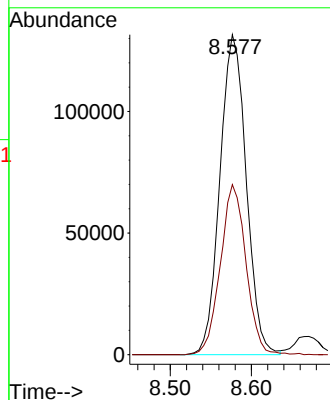
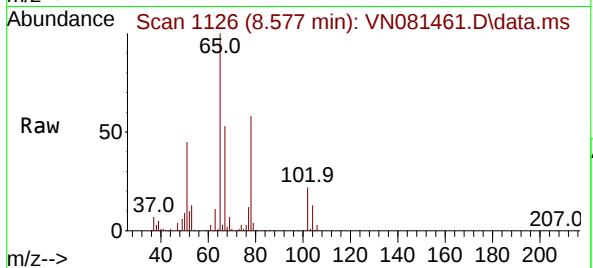
67 51.8 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

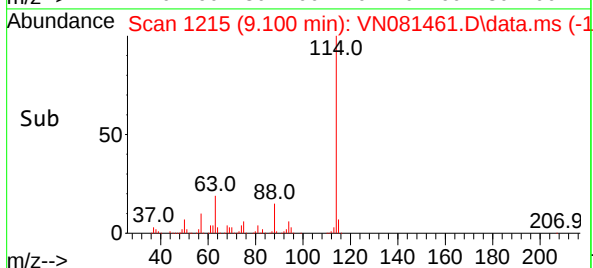
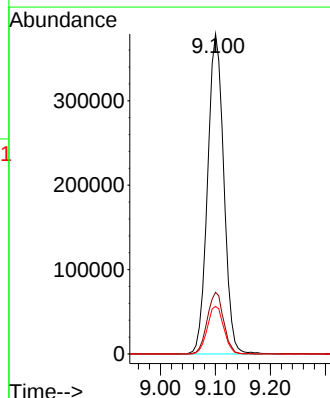
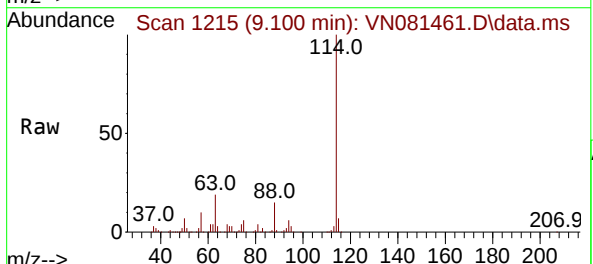
Tgt Ion:114 Resp: 776137

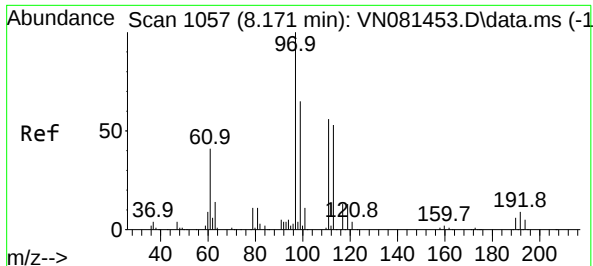
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

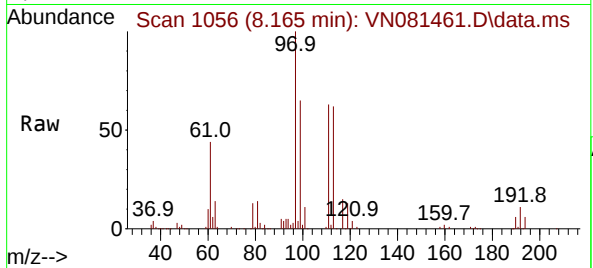
88 14.8 0.0 34.8





#35  
Dibromofluoromethane  
Concen: 51.765 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

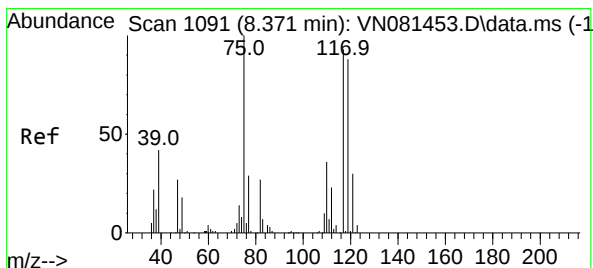
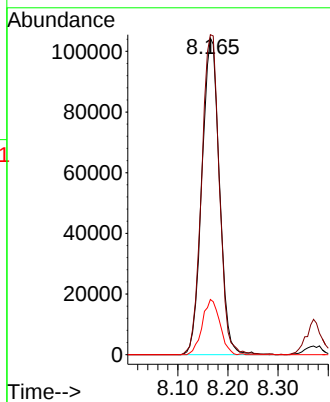
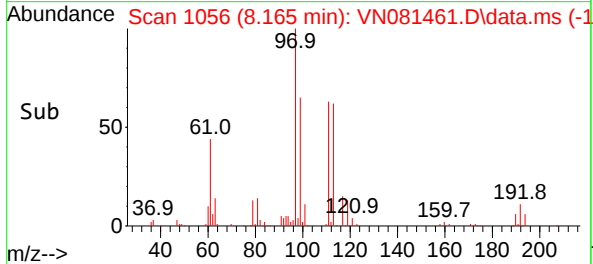
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion:113 Resp: 25355  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.2 123.4  
192 17.5 12.5 18.7

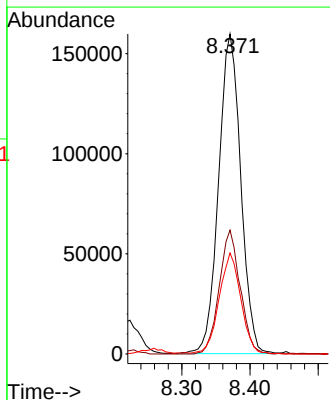
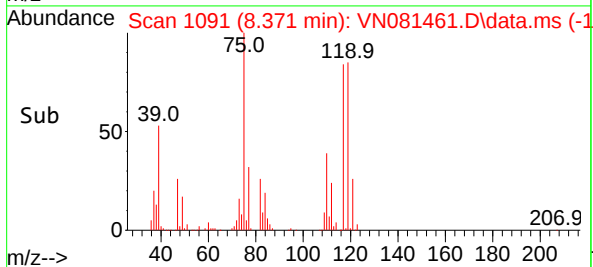
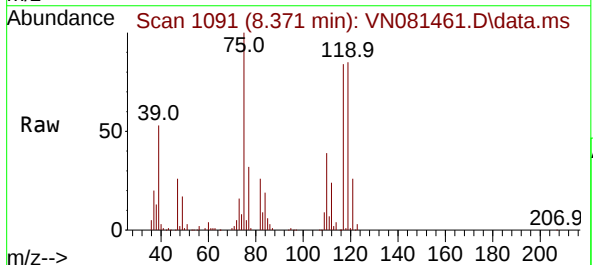
Manual Integrations  
APPROVED

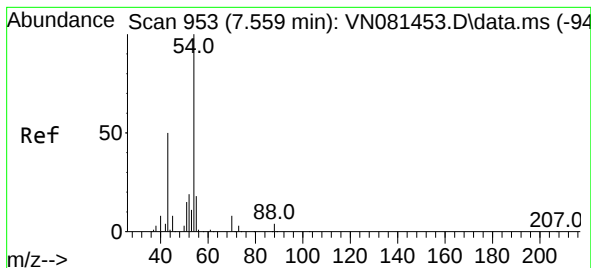
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#36  
1,1-Dichloropropene  
Concen: 43.855 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Tgt Ion: 75 Resp: 361497  
Ion Ratio Lower Upper  
75 100  
110 36.5 16.0 48.0  
77 31.1 25.8 38.6





#37

Ethyl Acetate

Concen: 43.331 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 30585

Ion Ratio Lower Upper

43 100

61 13.7 10.6 15.8

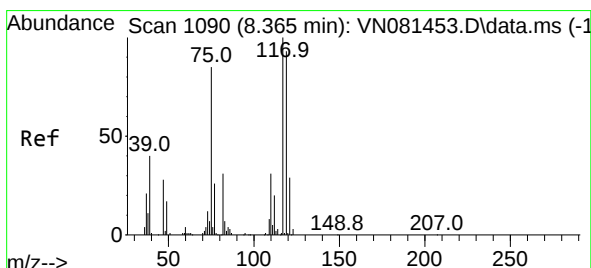
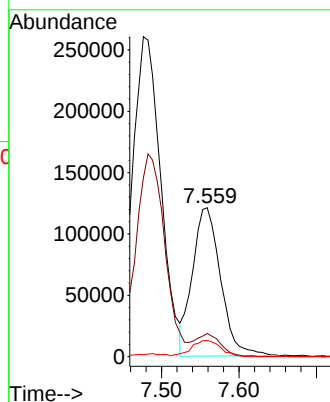
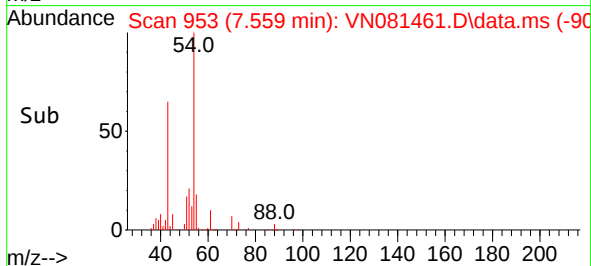
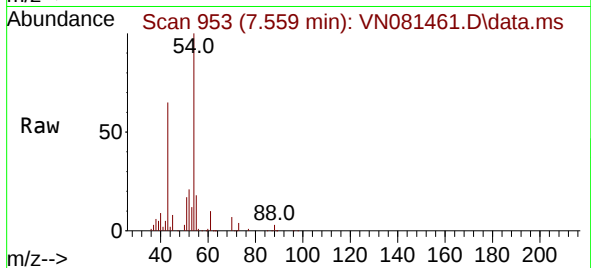
70 11.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#38

Carbon Tetrachloride

Concen: 43.181 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

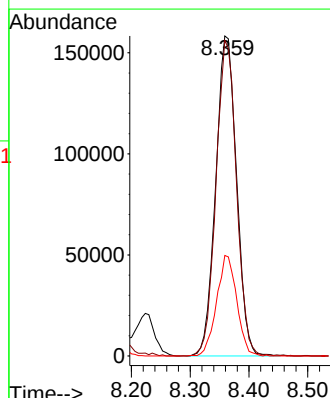
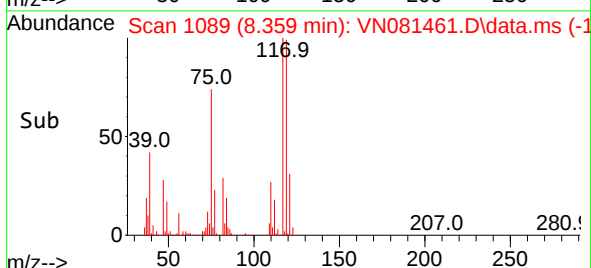
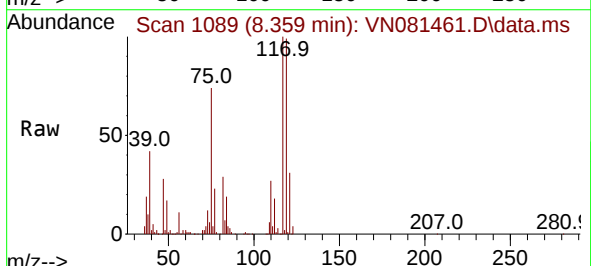
Tgt Ion:117 Resp: 389920

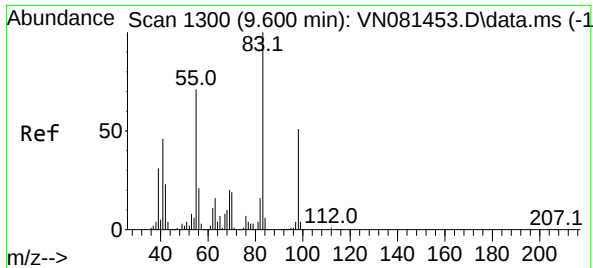
Ion Ratio Lower Upper

117 100

119 98.6 73.4 110.2

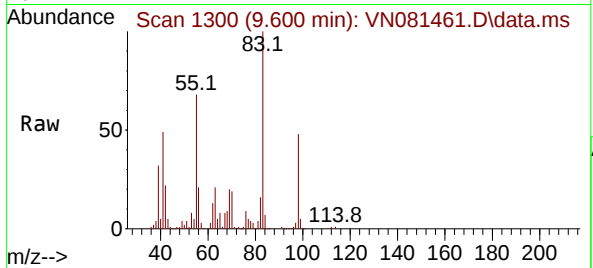
121 31.4 24.4 36.6





#39  
Methylcyclohexane  
Concen: 45.846 ug/l  
RT: 9.600 min Scan# 11300  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

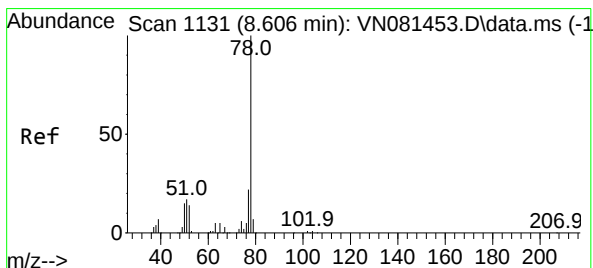
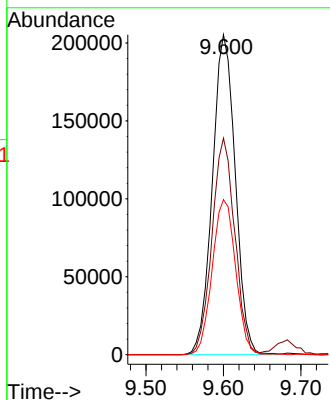
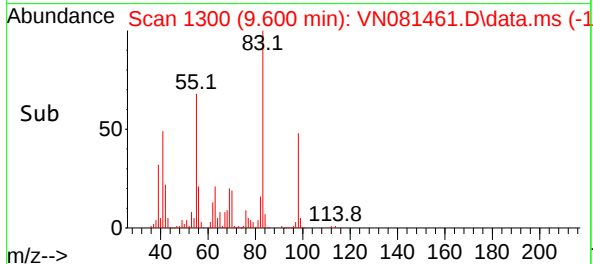
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 83 Resp: 422033  
Ion Ratio Lower Upper  
83 100  
55 67.7 65.7 98.5  
98 48.4 33.8 50.6

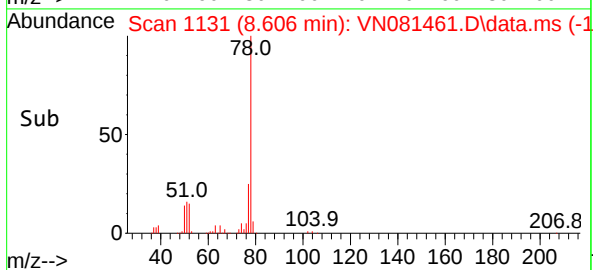
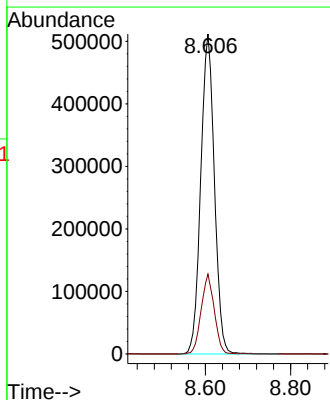
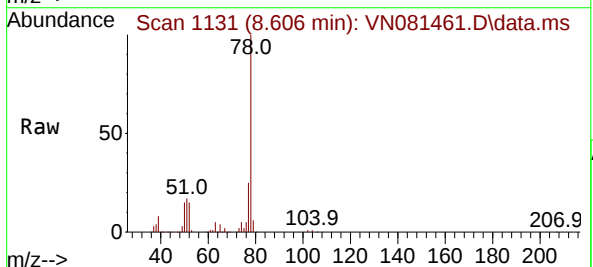
Manual Integrations  
APPROVED

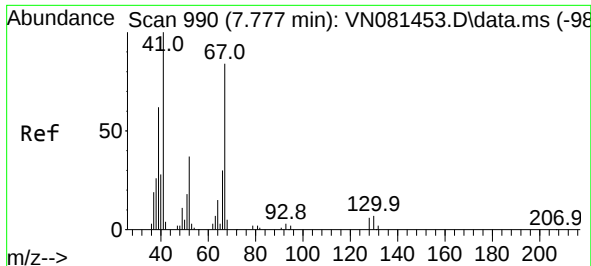
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#40  
Benzene  
Concen: 47.158 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

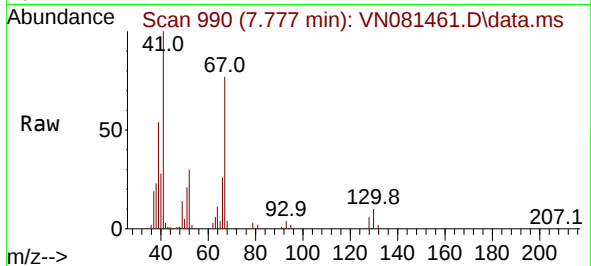
Tgt Ion: 78 Resp: 1136482  
Ion Ratio Lower Upper  
78 100  
77 25.0 20.4 30.6





#41  
Methacrylonitrile  
Concen: 44.560 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

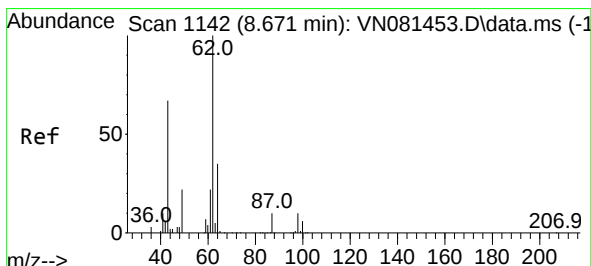
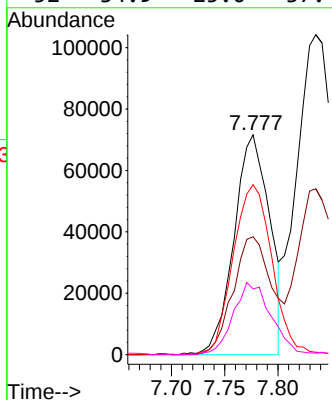
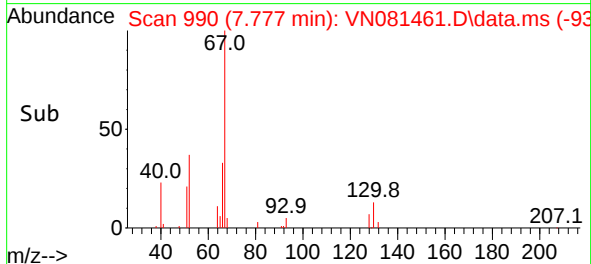
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



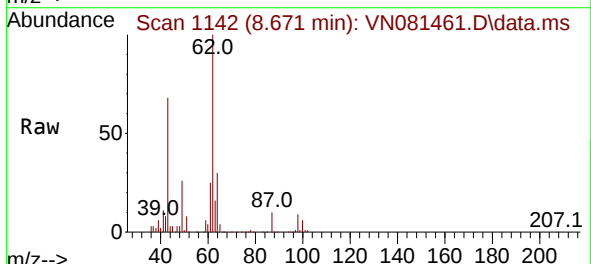
Tgt Ion: 41 Resp: 166338  
Ion Ratio Lower Upper  
41 100  
39 58.9 48.4 72.6  
67 84.9 56.8 85.2  
52 34.9 25.0 37.4

Manual Integrations  
APPROVED

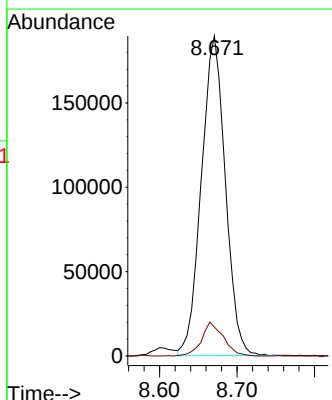
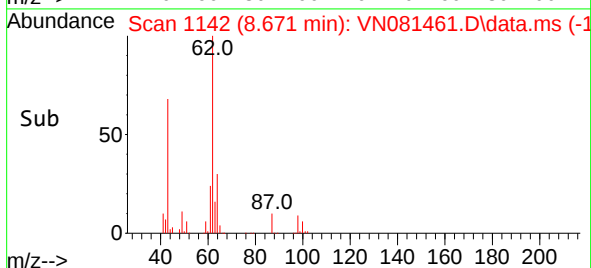
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

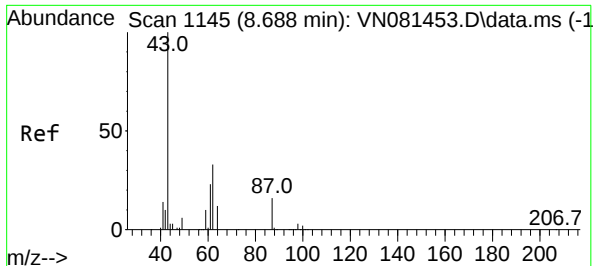


#42  
1,2-Dichloroethane  
Concen: 47.995 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03



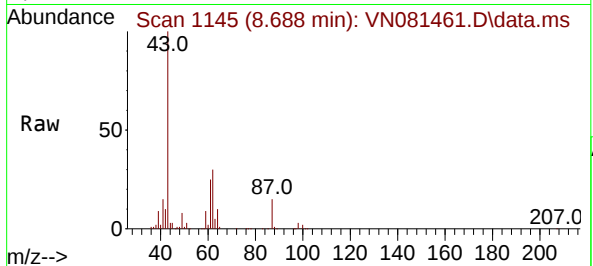
Tgt Ion: 62 Resp: 407047  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 18.0





#43  
Isopropyl Acetate  
Concen: 45.696 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

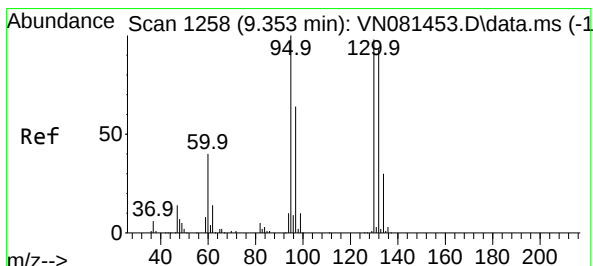
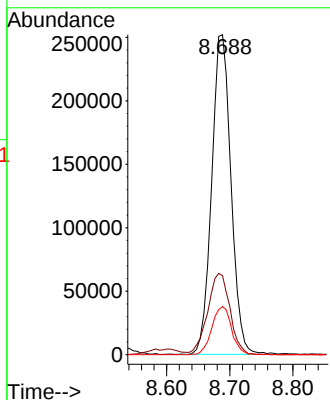
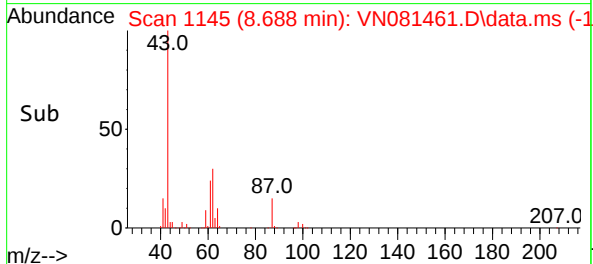
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 53465  
Ion Ratio Lower Upper  
43 100  
61 29.1 19.9 29.9  
87 15.4 9.0 13.6

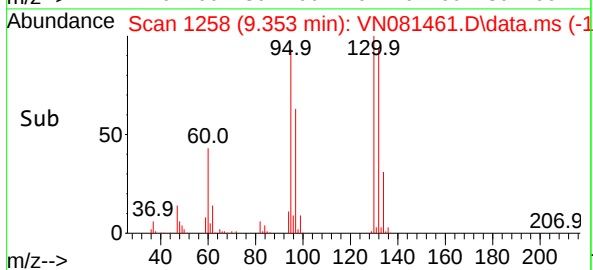
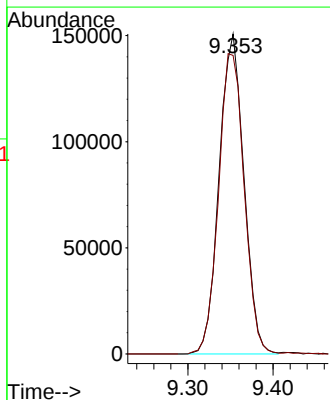
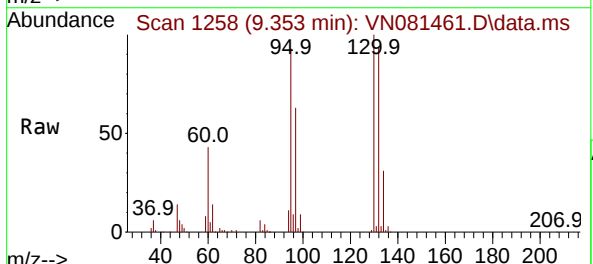
Manual Integrations  
APPROVED

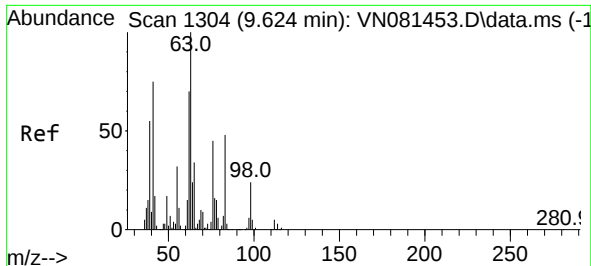
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#44  
Trichloroethene  
Concen: 44.909 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Tgt Ion:130 Resp: 304396  
Ion Ratio Lower Upper  
130 100  
95 93.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 48.665 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 284229

Ion Ratio Lower Upper

63 100

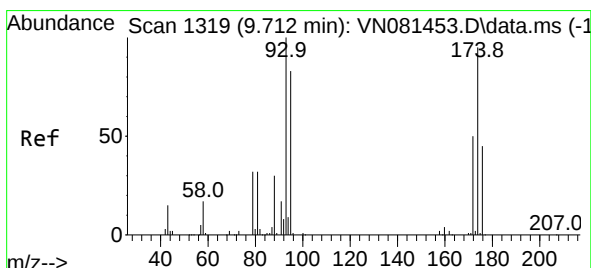
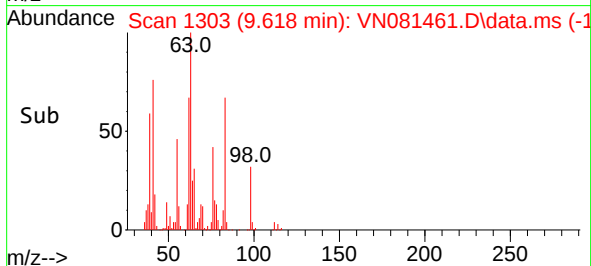
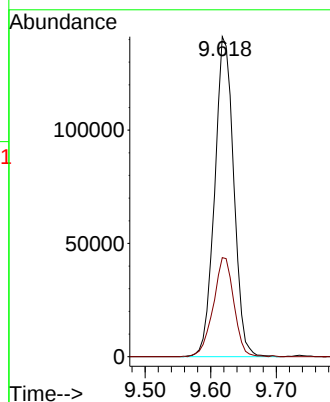
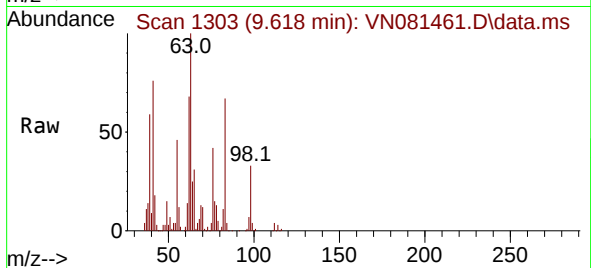
65 30.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#46

Dibromomethane

Concen: 47.417 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

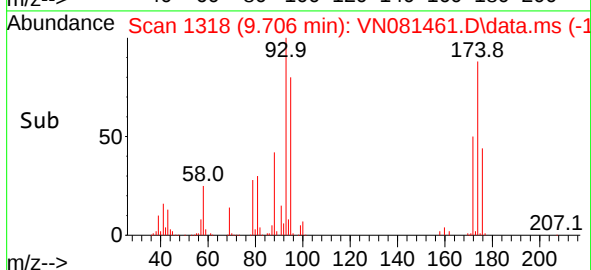
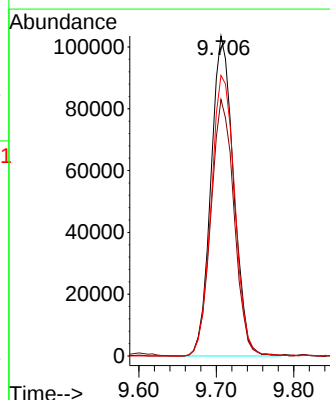
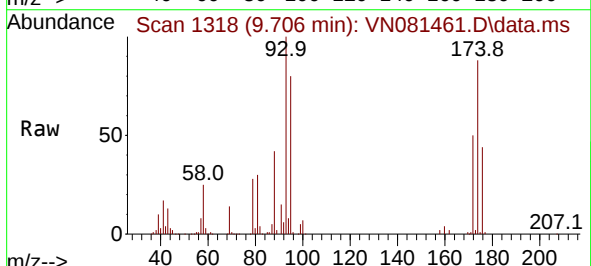
Tgt Ion: 93 Resp: 210317

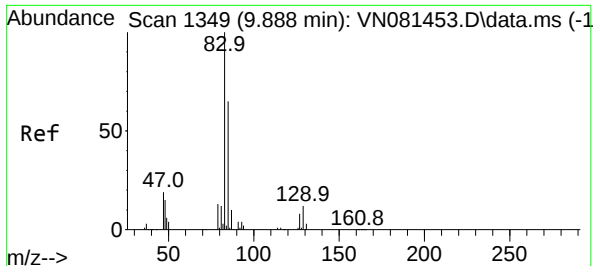
Ion Ratio Lower Upper

93 100

95 82.2 68.1 102.1

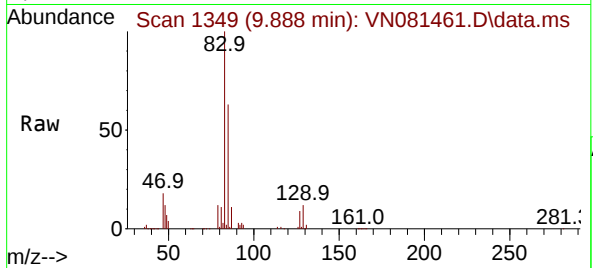
174 91.5 57.2 85.8#





#47  
Bromodichloromethane  
Concen: 48.516 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

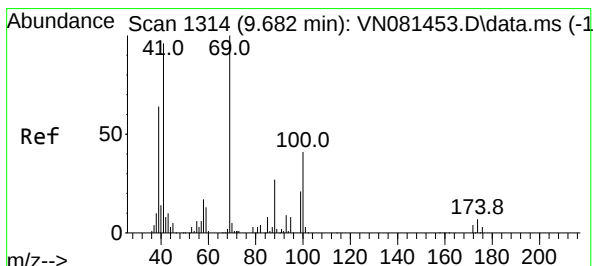
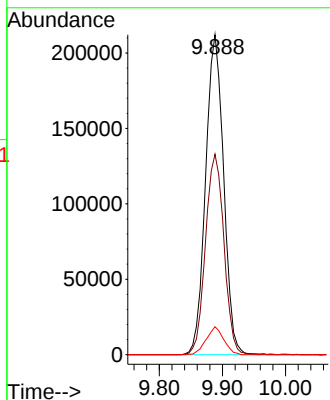
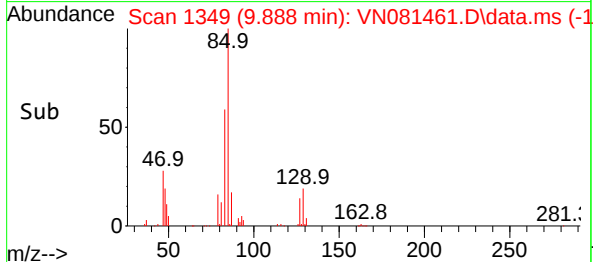
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 83 Resp: 420735  
Ion Ratio Lower Upper  
83 100  
85 62.7 52.3 78.5  
127 8.8 4.6 7.0

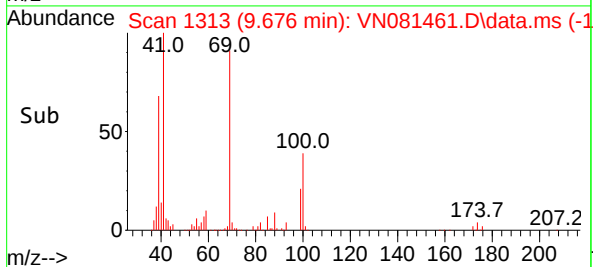
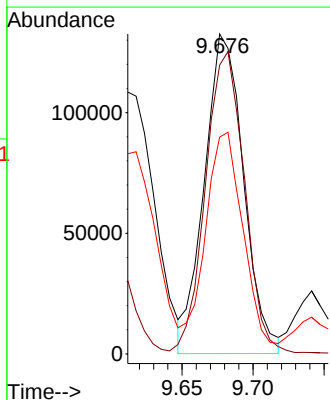
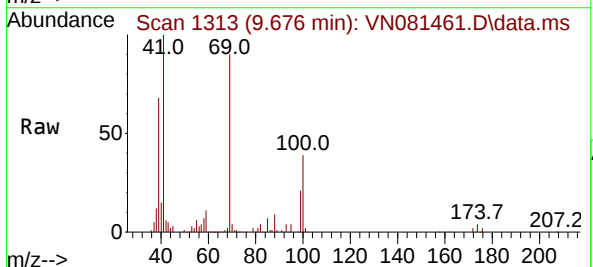
Manual Integrations  
APPROVED

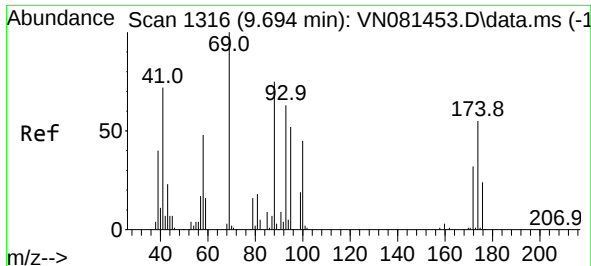
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#48  
Methyl methacrylate  
Concen: 47.180 ug/l  
RT: 9.676 min Scan# 1313  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

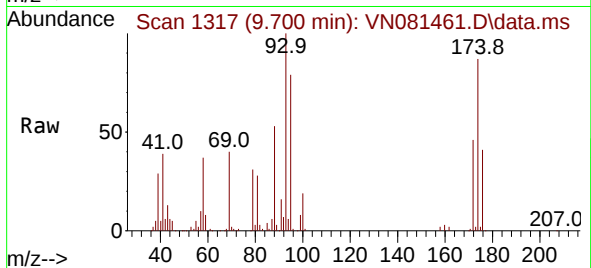
Tgt Ion: 41 Resp: 254615  
Ion Ratio Lower Upper  
41 100  
69 94.5 62.2 93.2#  
39 68.0 47.6 71.4





#49  
1,4-Dioxane  
Concen: 798.471 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

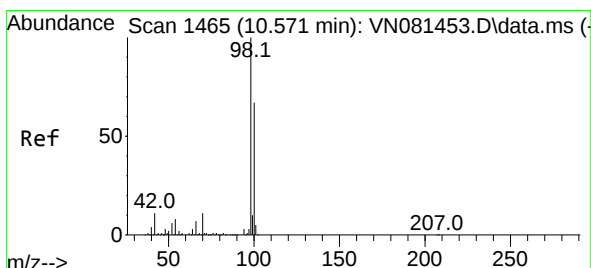
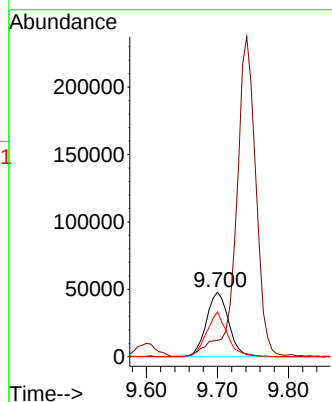
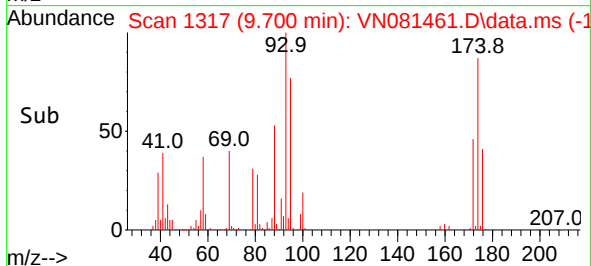
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 88 Resp: 103554  
Ion Ratio Lower Upper  
88 100  
43 0.0 30.1 45.1  
58 65.1 63.9 95.9

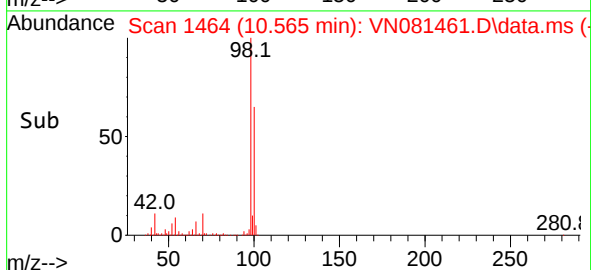
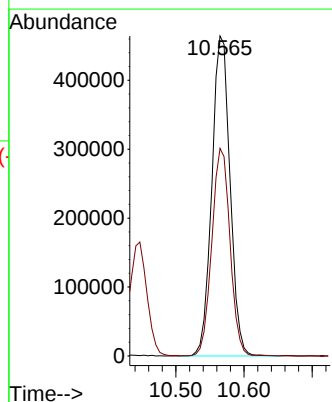
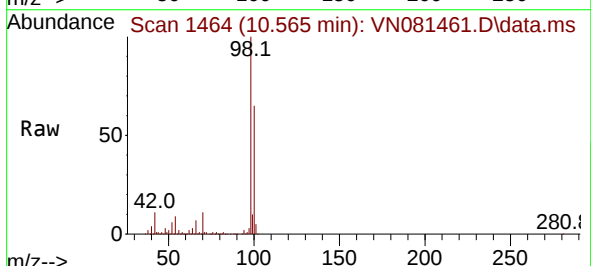
Manual Integrations  
APPROVED

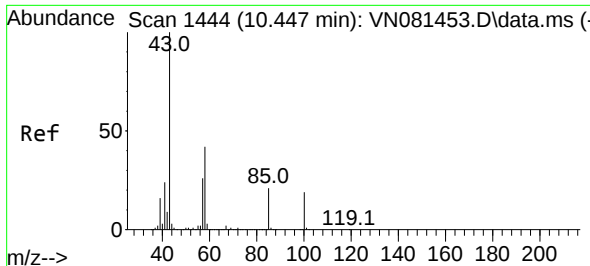
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#50  
Toluene-d8  
Concen: 48.646 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Tgt Ion: 98 Resp: 861344  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.4 77.0





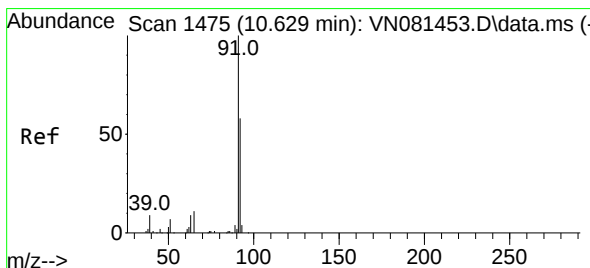
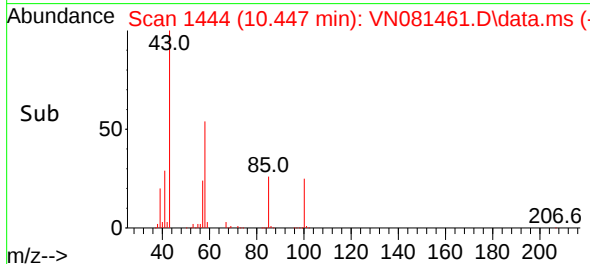
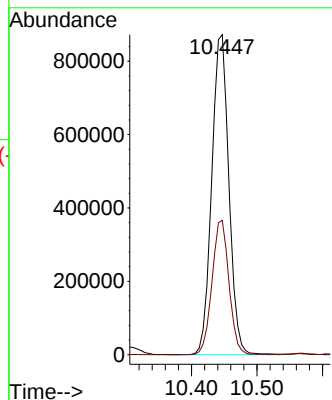
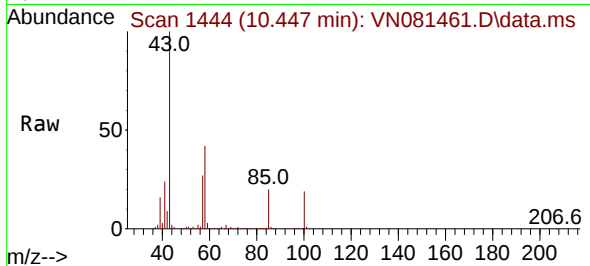
#51  
4-Methyl-2-Pentanone  
Concen: 221.958 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 158466  
Ion Ratio Lower Upper  
43 100  
58 41.6 29.4 44.0

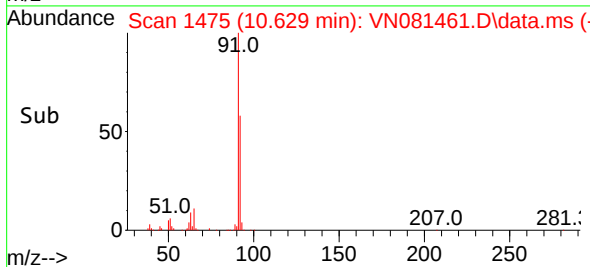
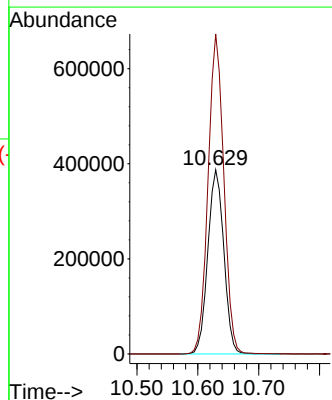
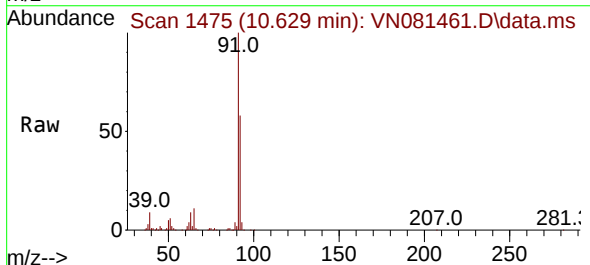
Manual Integrations  
APPROVED

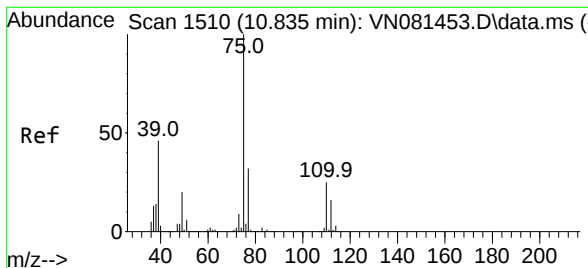
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#52  
Toluene  
Concen: 46.150 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Tgt Ion: 92 Resp: 706894  
Ion Ratio Lower Upper  
92 100  
91 170.9 139.4 209.0





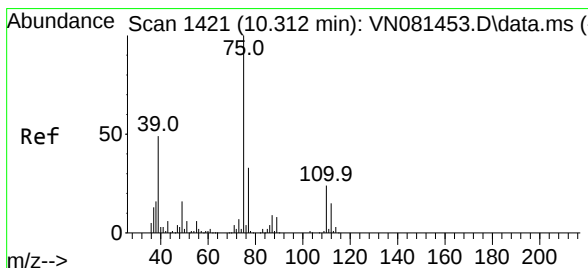
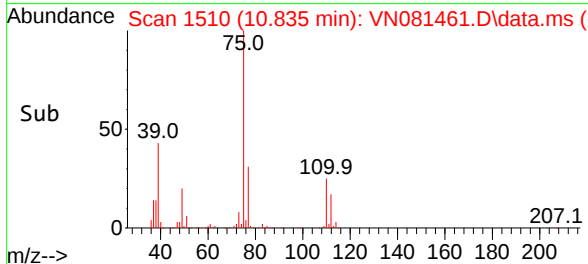
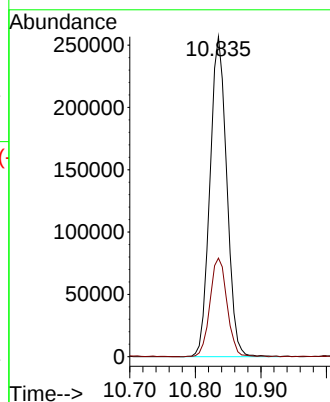
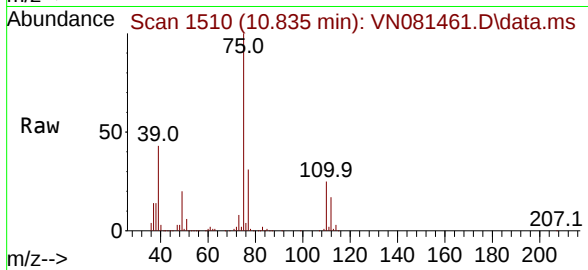
#53  
 t-1,3-Dichloropropene  
 Concen: 48.891 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 75 Resp: 45782  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 25.5 38.3

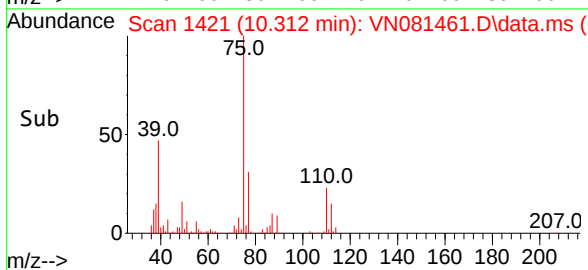
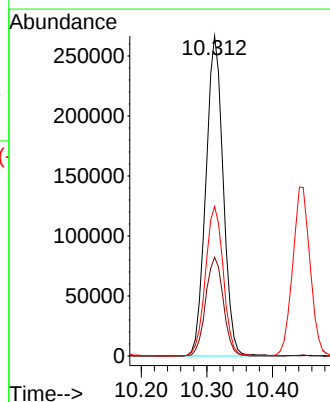
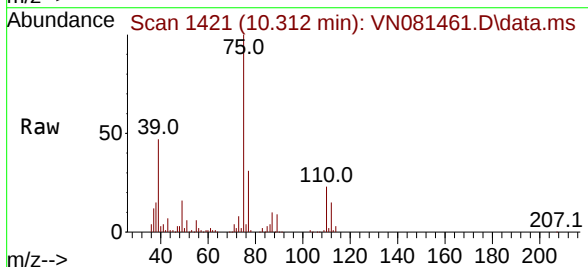
Manual Integrations  
 APPROVED

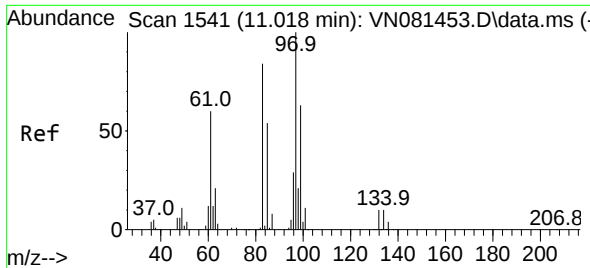
Reviewed By :John Carlone 03/20/2024  
 Supervised By :Mahesh Dadoda 03/20/2024



#54  
 cis-1,3-Dichloropropene  
 Concen: 48.814 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03

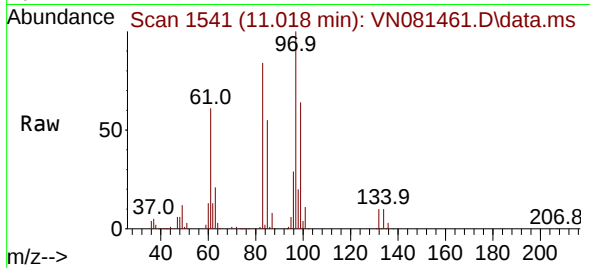
Tgt Ion: 75 Resp: 490091  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 23.3 34.9  
 39 46.7 44.6 66.8





#55  
1,1,2-Trichloroethane  
Concen: 45.890 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

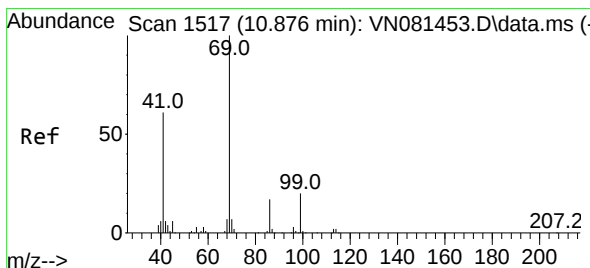
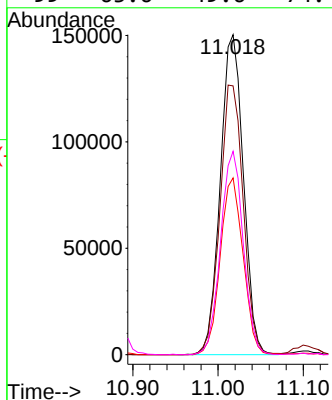
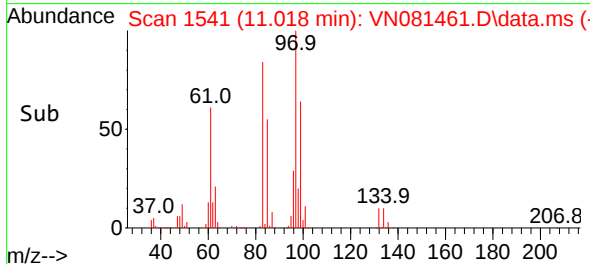
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



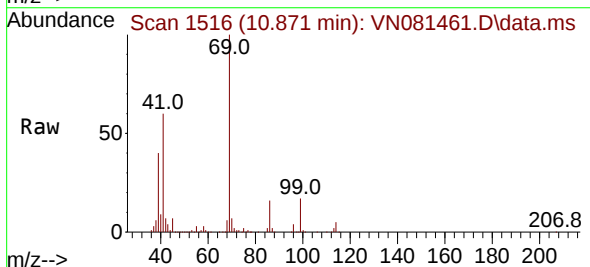
Tgt Ion: 97 Resp: 28288  
Ion Ratio Lower Upper  
97 100  
83 84.0 72.9 109.3  
85 55.3 50.2 75.2  
99 63.6 49.6 74.4

Manual Integrations  
APPROVED

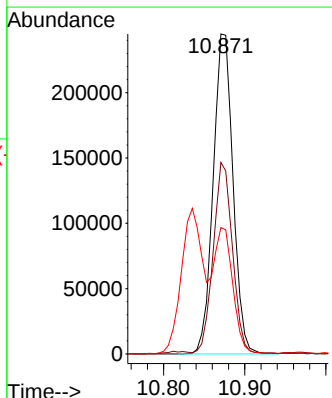
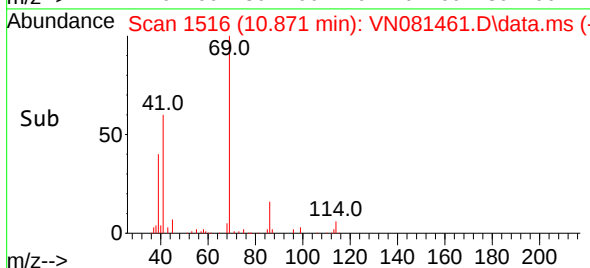
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

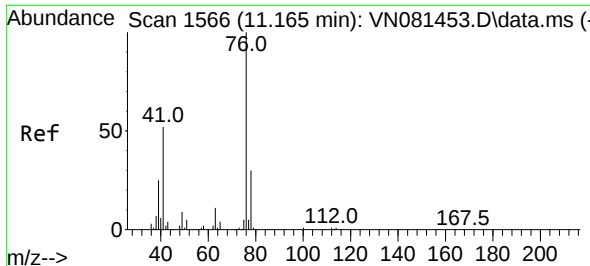


#56  
Ethyl methacrylate  
Concen: 45.817 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.005 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03



Tgt Ion: 69 Resp: 416413  
Ion Ratio Lower Upper  
69 100  
41 57.9 61.0 91.6#  
39 39.1 31.8 47.6





#57

1,3-Dichloropropane

Concen: 48.321 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 48830

Ion Ratio Lower Upper

76 100

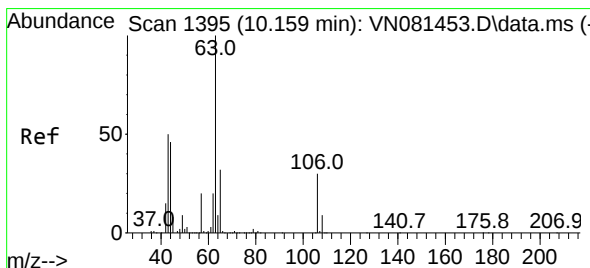
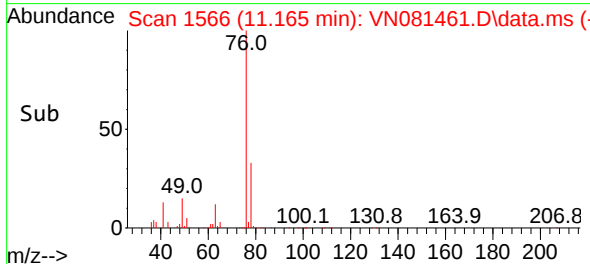
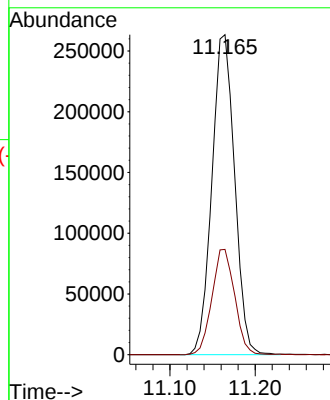
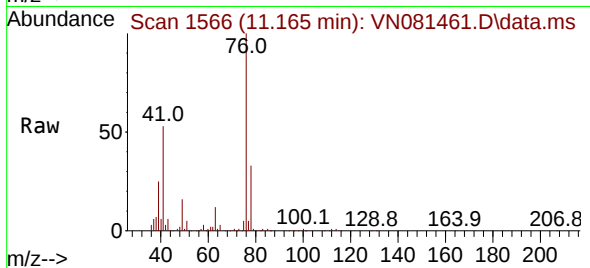
78 32.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 269.555 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081461.D

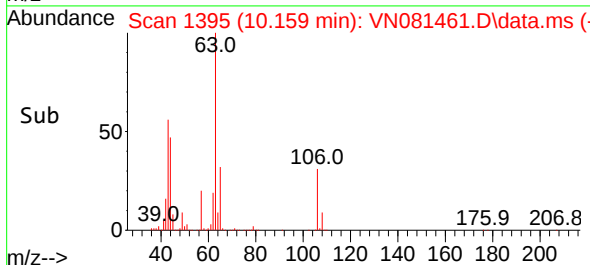
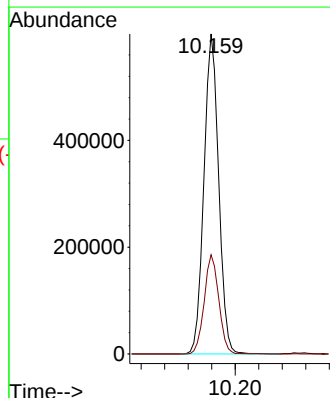
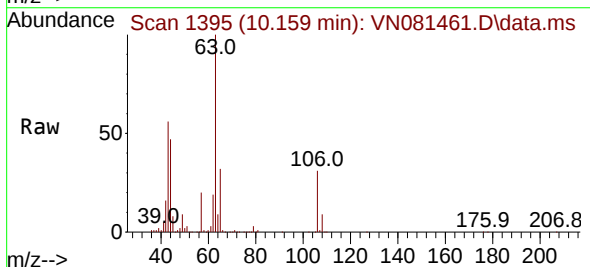
Acq: 19 Mar 2024 11:03

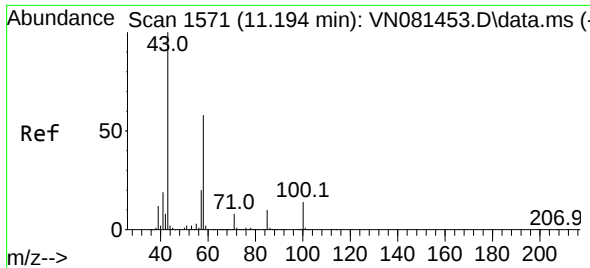
Tgt Ion: 63 Resp: 1045544

Ion Ratio Lower Upper

63 100

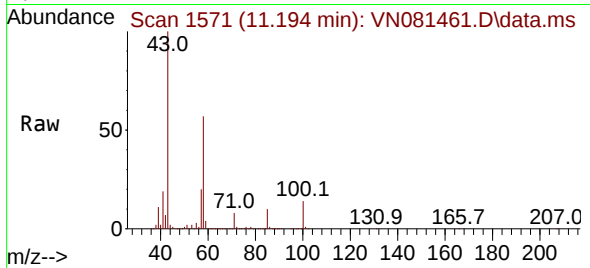
106 30.7 18.6 28.0#





#59  
2-Hexanone  
Concen: 218.807 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

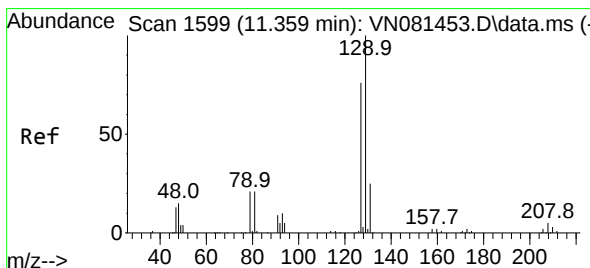
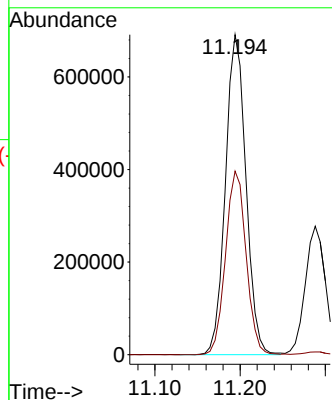
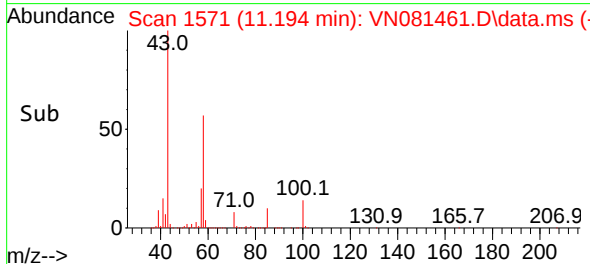
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 115497  
Ion Ratio Lower Upper  
43 100  
58 57.6 25.9 77.8

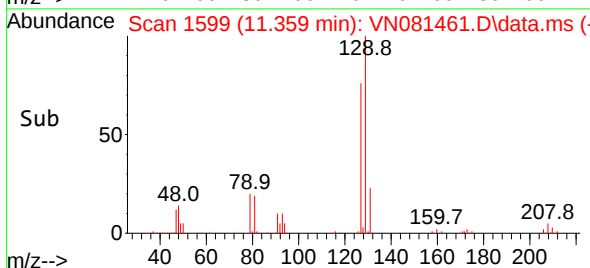
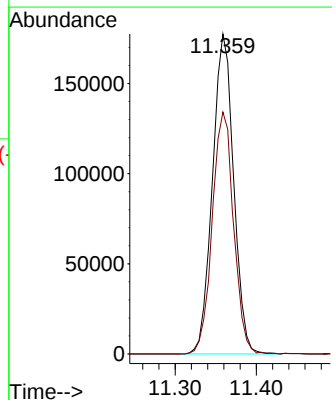
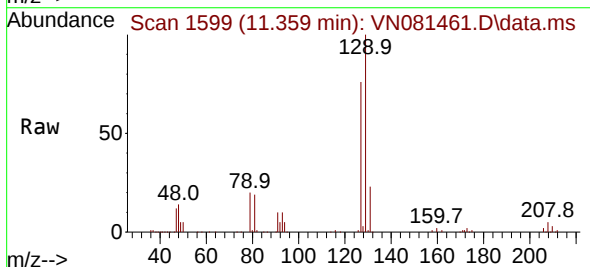
Manual Integrations  
APPROVED

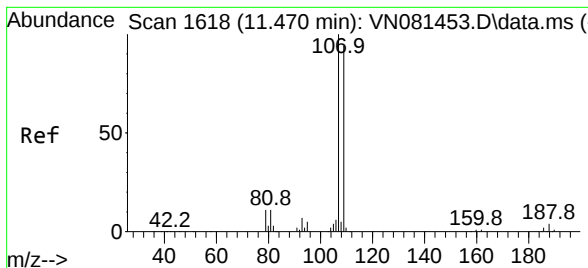
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#60  
Dibromochloromethane  
Concen: 47.403 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

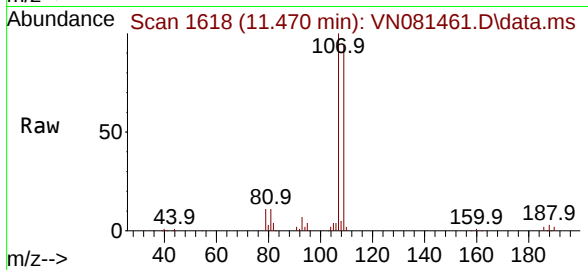
Tgt Ion:129 Resp: 321359  
Ion Ratio Lower Upper  
129 100  
127 76.2 39.4 118.2





#61  
1,2-Dibromoethane  
Concen: 46.733 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

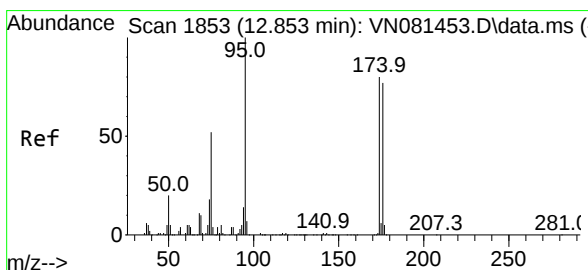
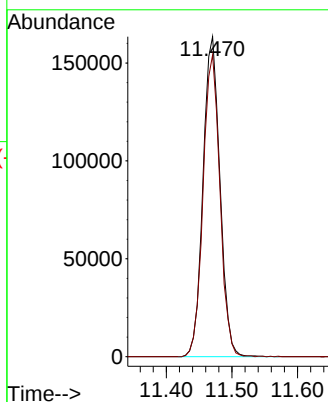
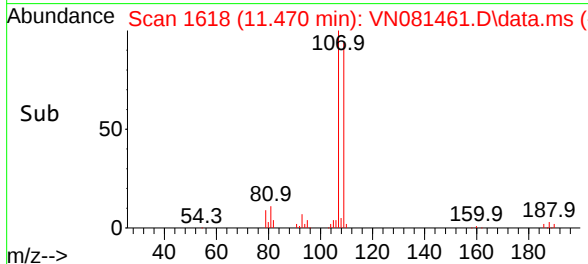
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



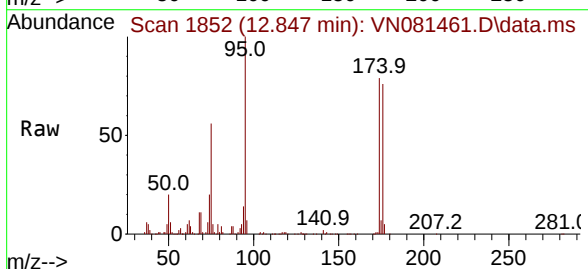
Tgt Ion:107 Resp: 293700  
Ion Ratio Lower Upper  
107 100  
109 93.9 73.4 110.2

Manual Integrations  
APPROVED

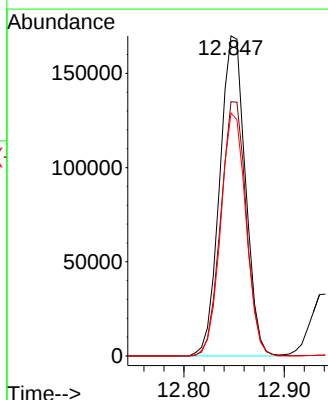
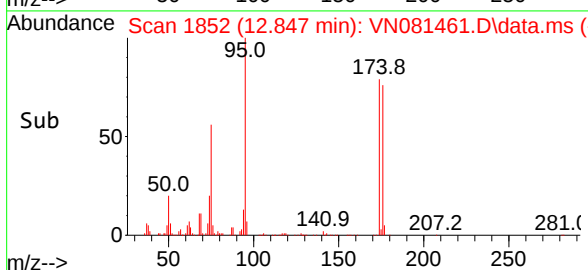
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

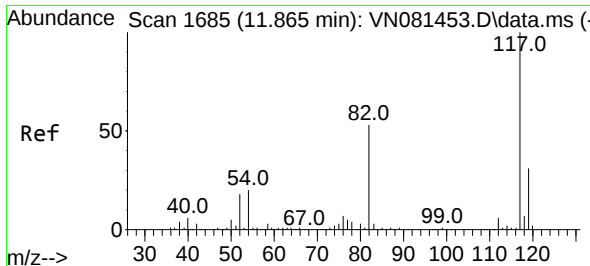


#62  
4-Bromofluorobenzene  
Concen: 48.394 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03



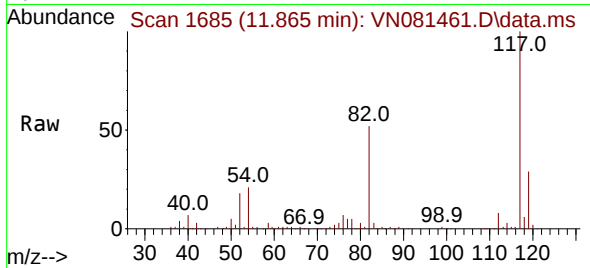
Tgt Ion: 95 Resp: 301934  
Ion Ratio Lower Upper  
95 100  
174 78.8 0.0 120.4  
176 74.6 0.0 121.0





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

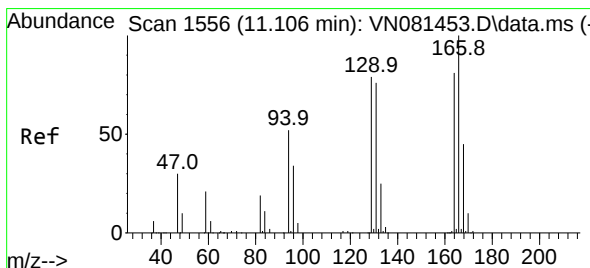
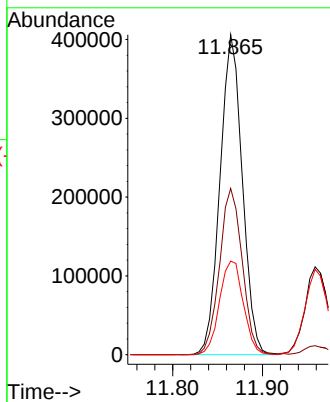
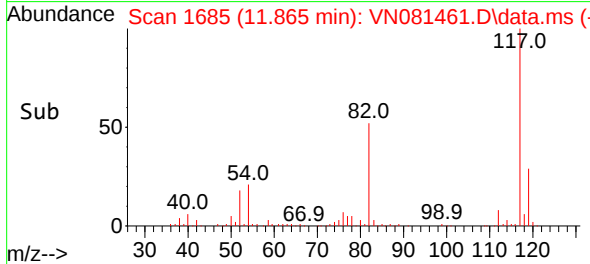
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion:117 Resp: 701233  
Ion Ratio Lower Upper  
117 100  
82 51.9 52.7 79.1  
119 29.2 25.3 37.9

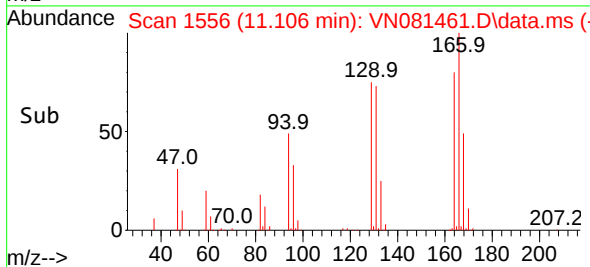
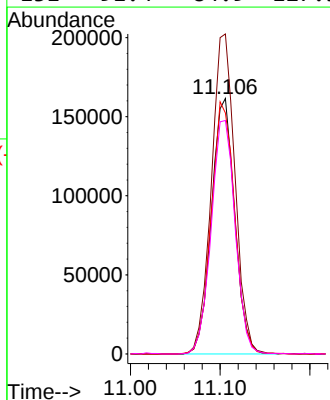
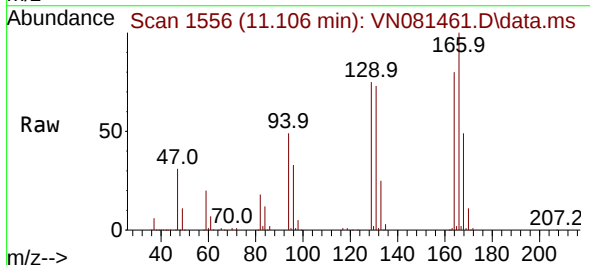
Manual Integrations  
APPROVED

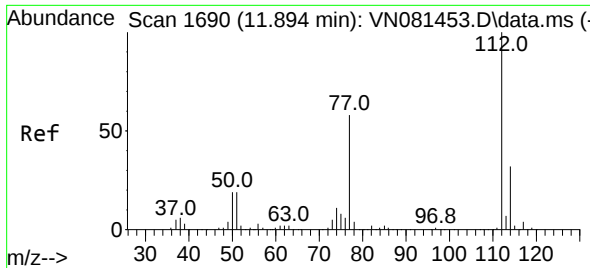
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#64  
Tetrachloroethene  
Concen: 43.355 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Tgt Ion:164 Resp: 290608  
Ion Ratio Lower Upper  
164 100  
166 125.2 105.8 158.6  
129 94.3 89.6 134.4  
131 91.4 84.9 127.3





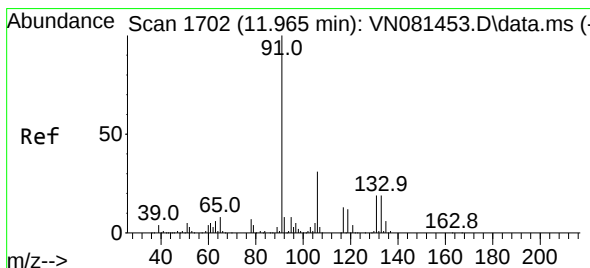
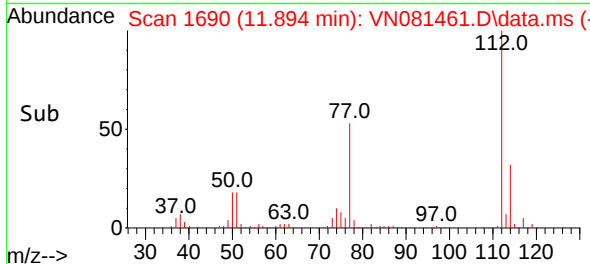
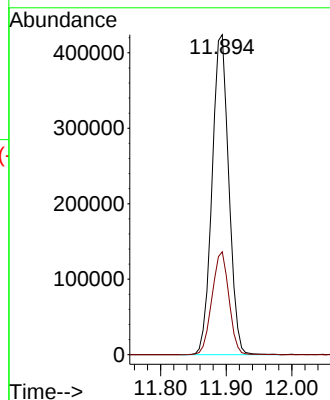
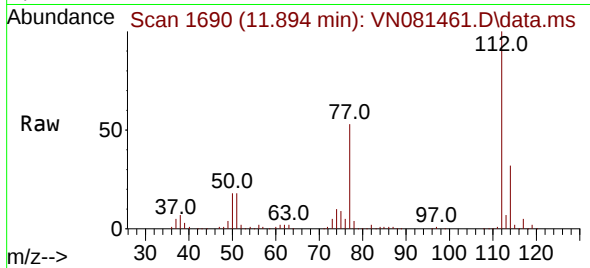
#65  
Chlorobenzene  
Concen: 45.232 ug/l  
RT: 11.894 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:112 Resp: 749824  
Ion Ratio Lower Upper  
112 100  
114 32.1 23.7 35.5

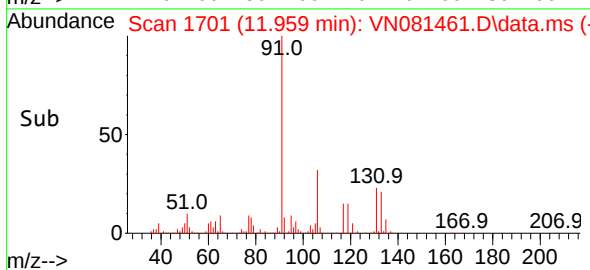
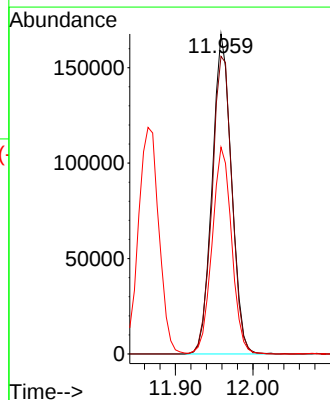
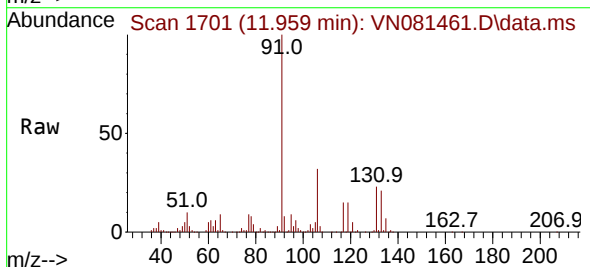
Manual Integrations  
APPROVED

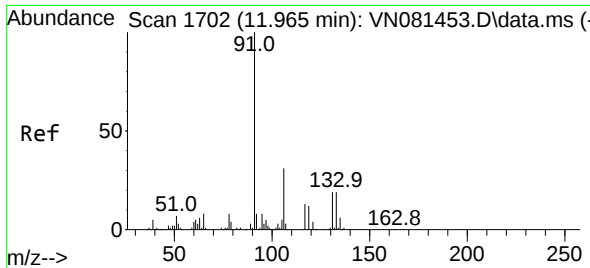
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.287 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

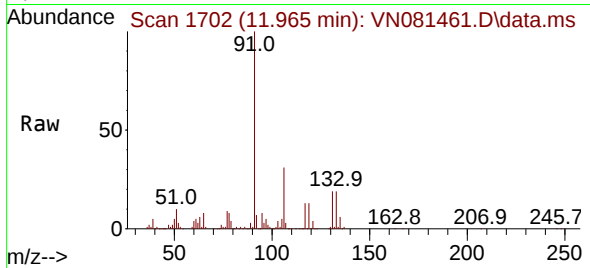
Tgt Ion:131 Resp: 290528  
Ion Ratio Lower Upper  
131 100  
133 96.7 46.8 140.3  
119 65.5 34.6 103.9





#67  
Ethyl Benzene  
Concen: 45.767 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

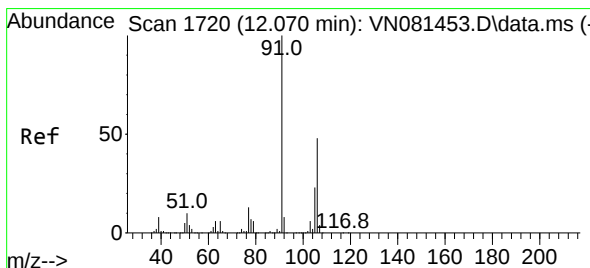
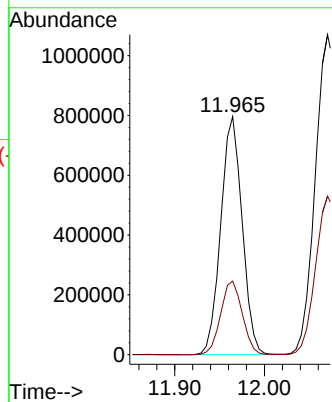
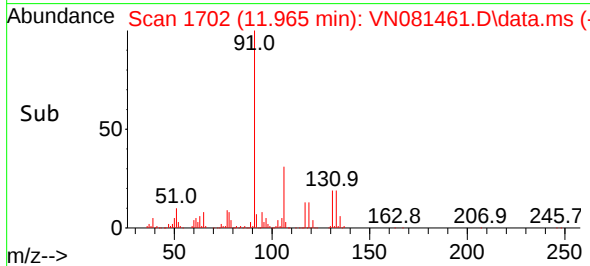
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



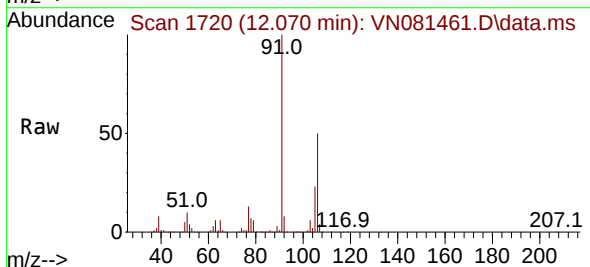
Tgt Ion: 91 Resp: 1317879  
Ion Ratio Lower Upper  
91 100  
106 30.9 23.8 35.6

Manual Integrations  
APPROVED

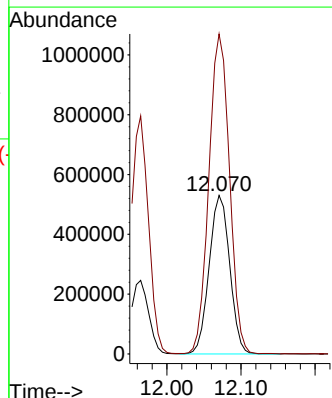
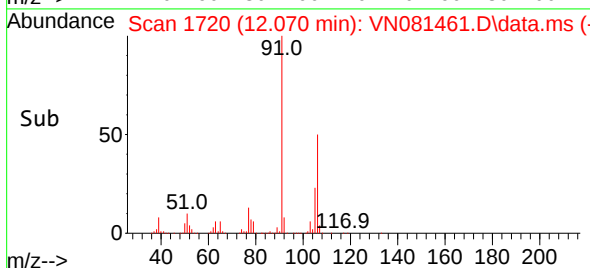
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

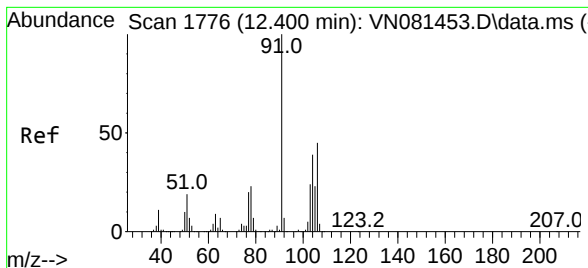


#68  
m/p-Xylenes  
Concen: 94.424 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03



Tgt Ion:106 Resp: 1019315  
Ion Ratio Lower Upper  
106 100  
91 202.9 169.0 253.6





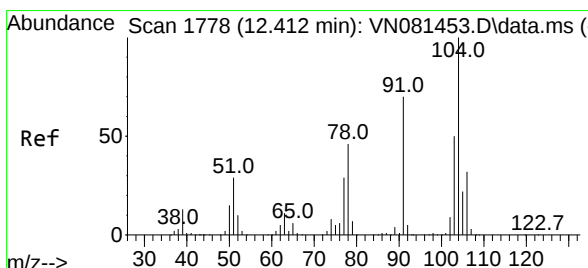
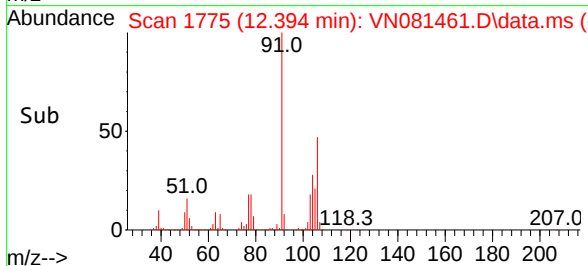
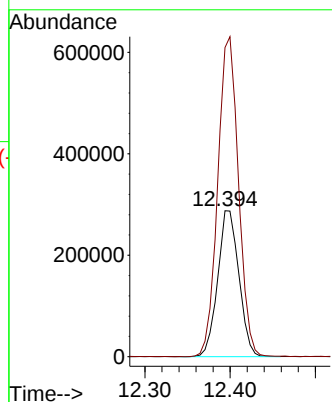
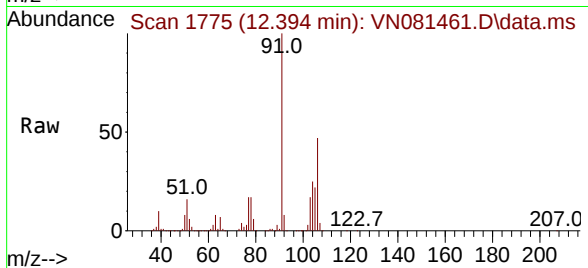
#69  
o-Xylene  
Concen: 47.028 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 498390  
Ion Ratio Lower Upper  
106 100  
91 214.5 112.1 336.3

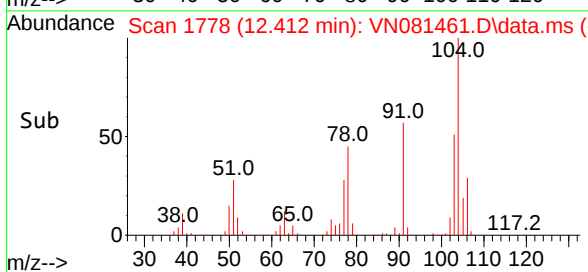
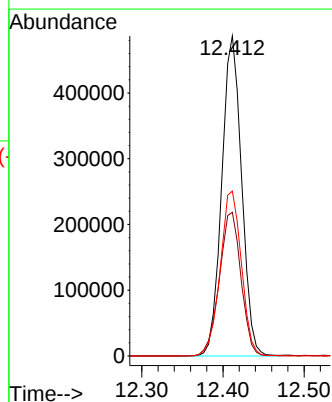
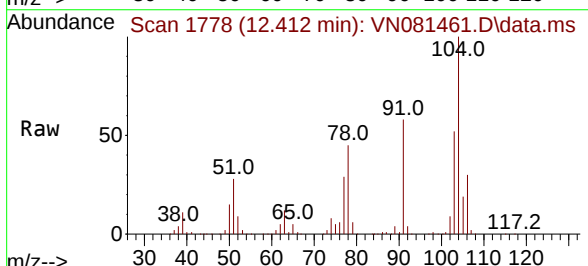
Manual Integrations  
APPROVED

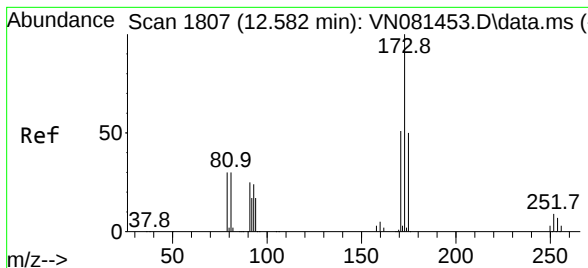
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#70  
Styrene  
Concen: 48.446 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Tgt Ion:104 Resp: 828044  
Ion Ratio Lower Upper  
104 100  
78 48.9 43.8 65.8  
103 55.1 44.2 66.2





#71

Bromoform

Concen: 44.499 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 205449

Ion Ratio Lower Upper

173 100

175 48.7 23.1 69.2

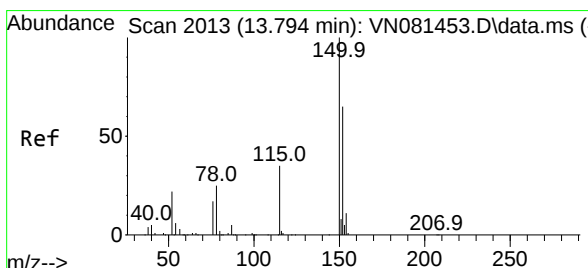
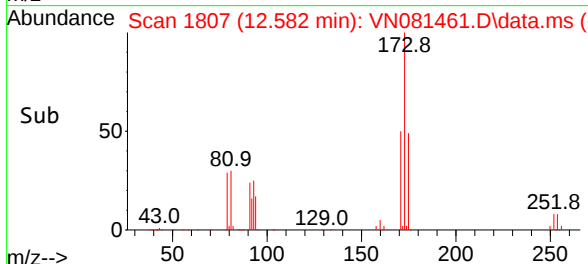
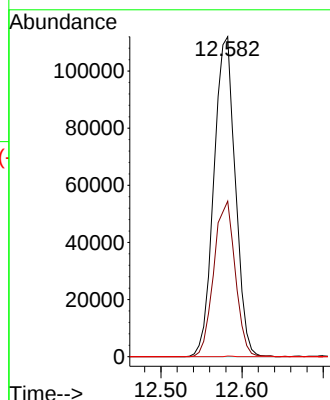
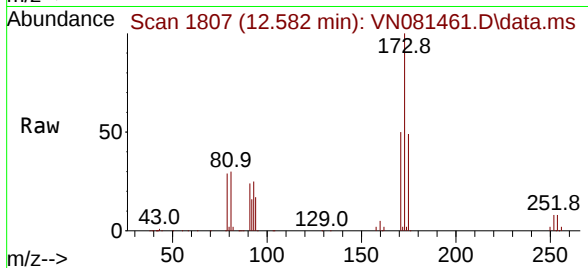
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

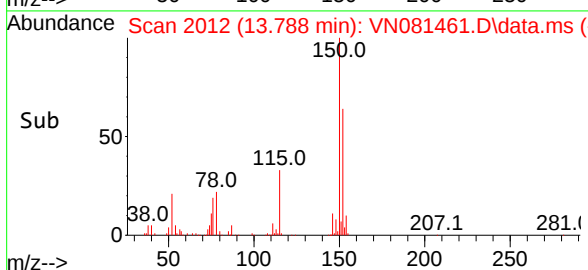
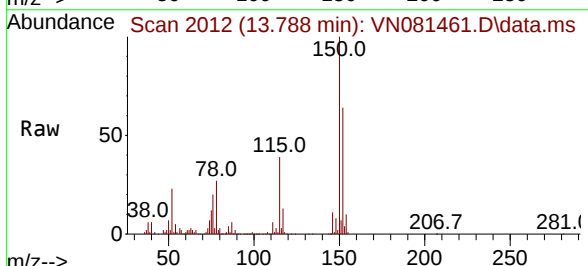
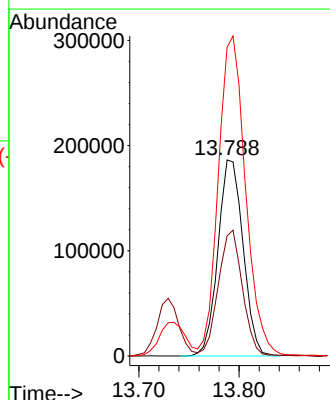
Tgt Ion:152 Resp: 324213

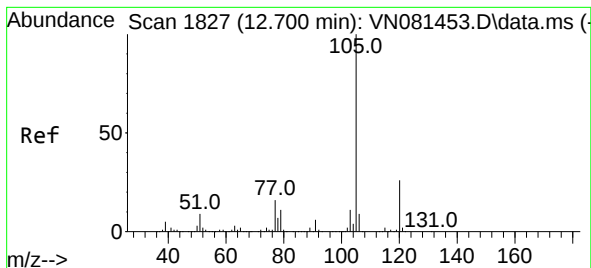
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 176.7 0.0 339.8





#73

Isopropylbenzene

Concen: 45.648 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 126155

Ion Ratio Lower Upper

105 100

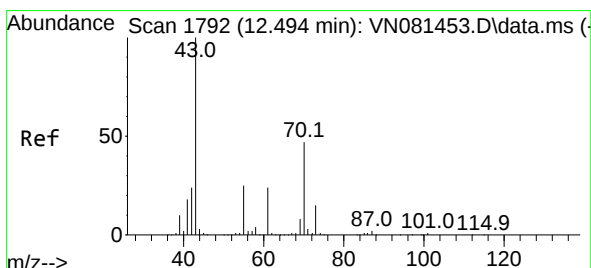
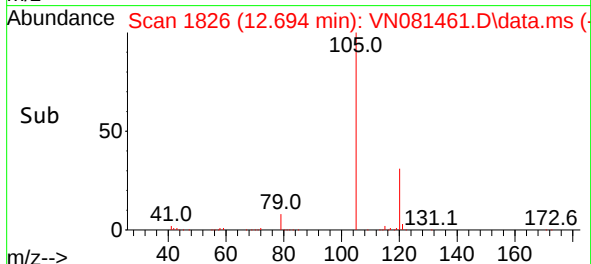
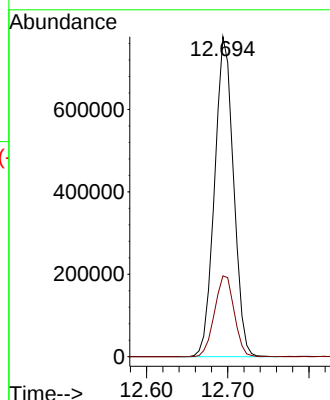
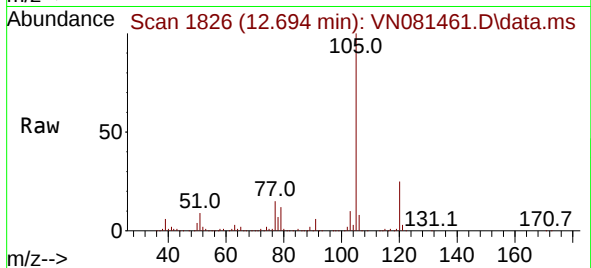
120 26.2 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#74

N-ethyl acetate

Concen: 46.878 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Tgt Ion: 43 Resp: 468837

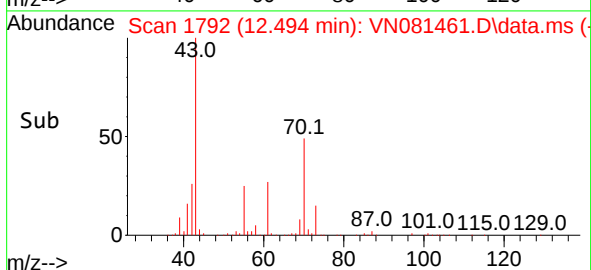
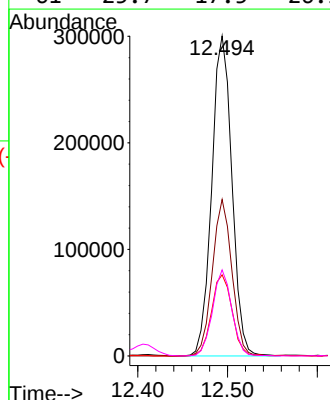
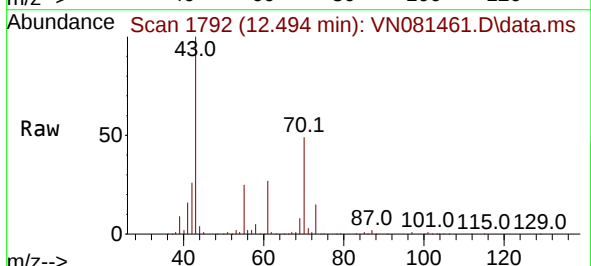
Ion Ratio Lower Upper

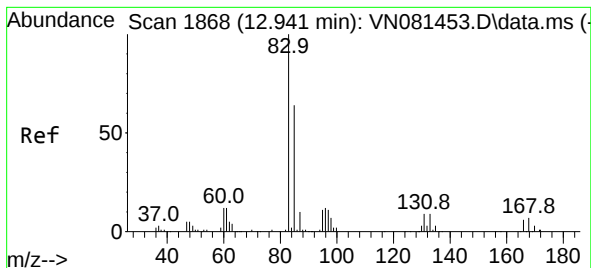
43 100

70 47.5 30.1 45.1#

55 25.9 17.0 25.4#

61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 42.389 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 34443

Ion Ratio Lower Upper

83 100

131 10.4 4.1 12.3

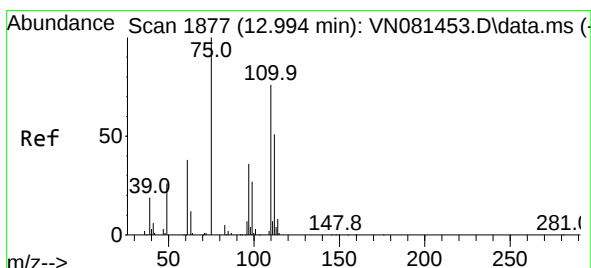
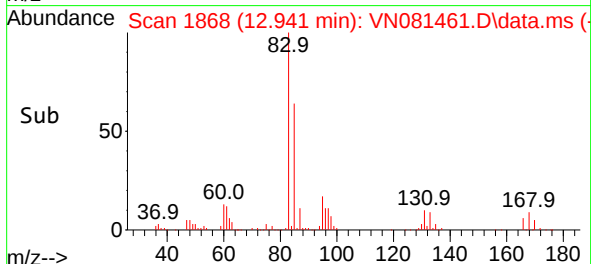
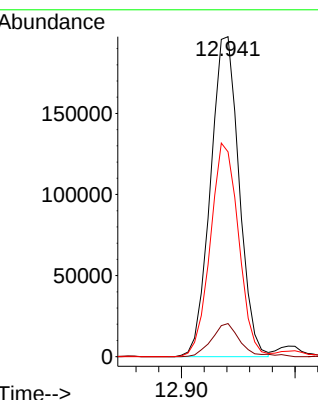
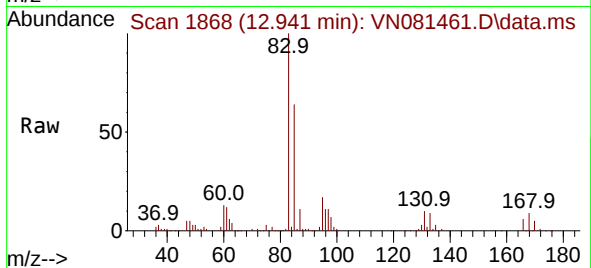
85 66.0 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#76

1,2,3-Trichloropropane

Concen: 40.959 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081461.D

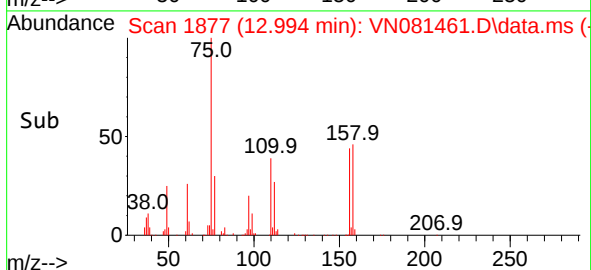
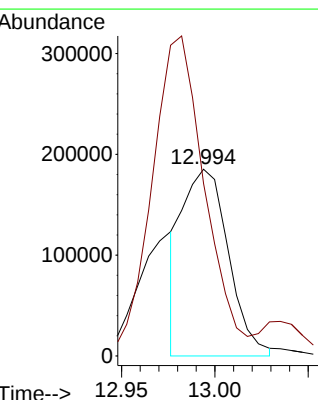
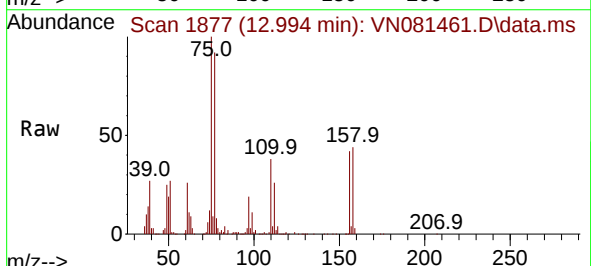
Acq: 19 Mar 2024 11:03

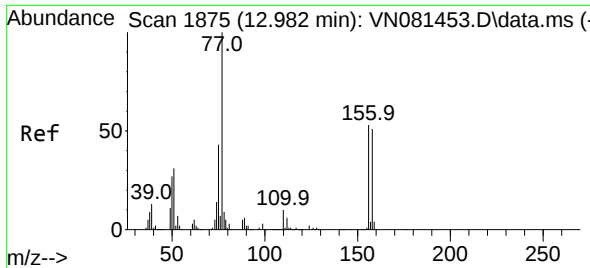
Tgt Ion: 75 Resp: 317652

Ion Ratio Lower Upper

75 100

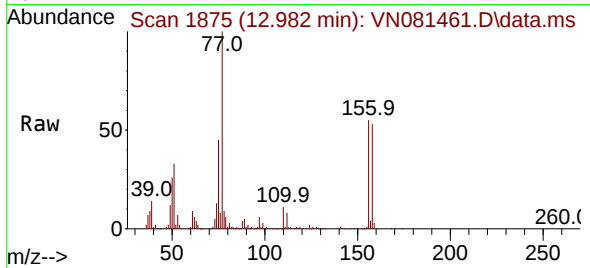
77 197.3 91.0 272.8





#77  
Bromobenzene  
Concen: 44.056 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

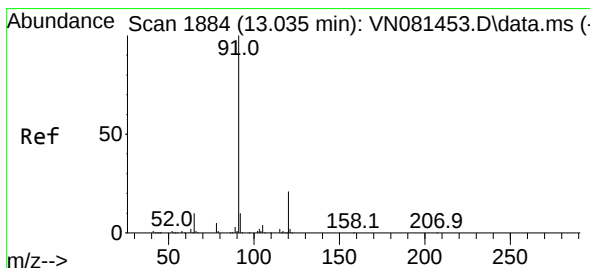
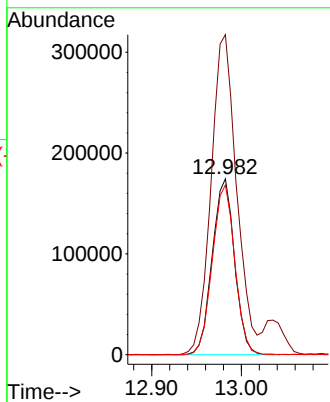
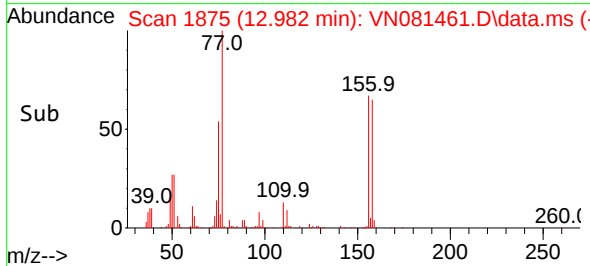
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



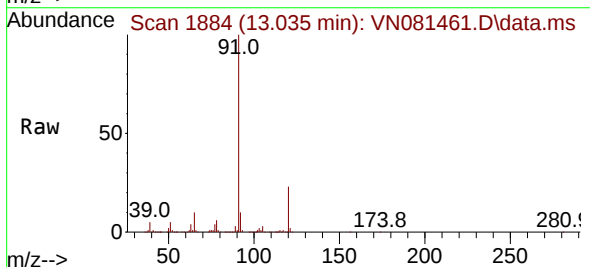
Tgt Ion:156 Resp: 300768  
Ion Ratio Lower Upper  
156 100  
77 208.3 138.1 414.3  
158 97.2 46.5 139.5

Manual Integrations  
APPROVED

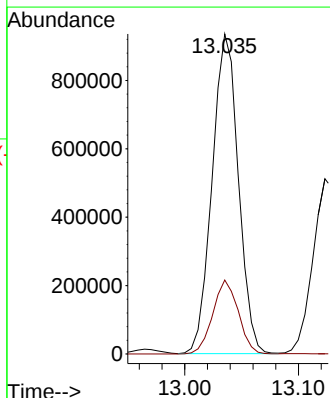
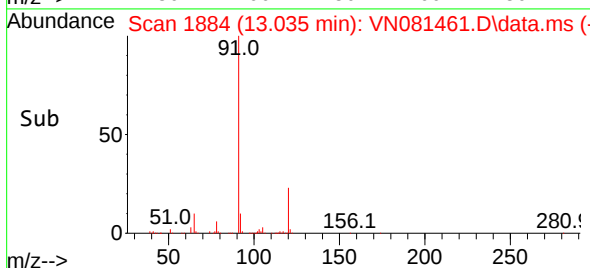
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

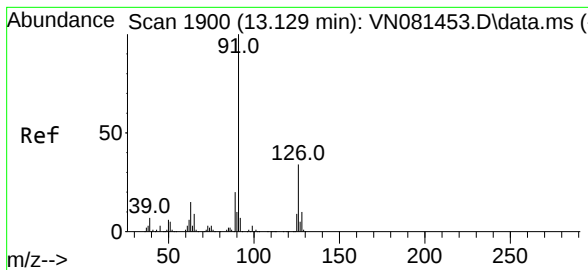


#78  
n-propylbenzene  
Concen: 46.001 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03



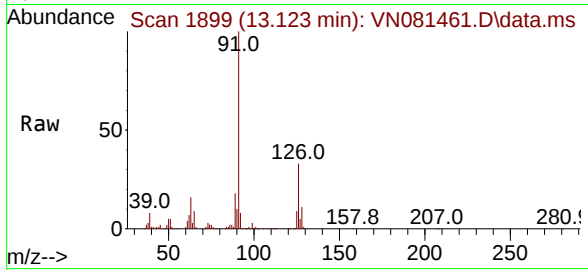
Tgt Ion: 91 Resp: 1501340  
Ion Ratio Lower Upper  
91 100  
120 22.5 10.3 30.9





#79  
2-Chlorotoluene  
Concen: 45.423 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

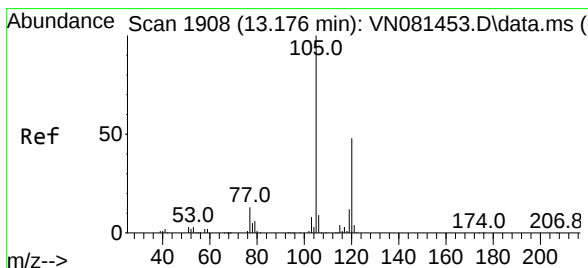
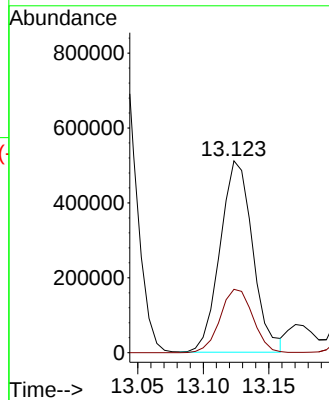
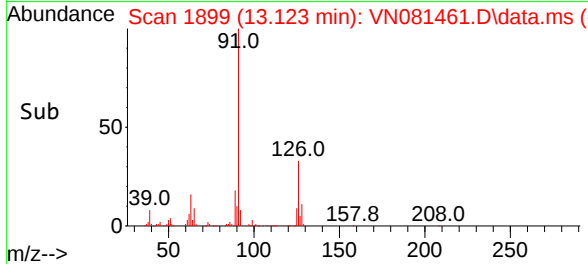
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



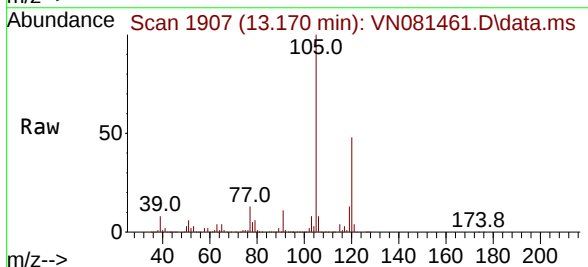
Tgt Ion: 91 Resp: 88728  
Ion Ratio Lower Upper  
91 100  
126 33.1 14.8 44.4

Manual Integrations  
APPROVED

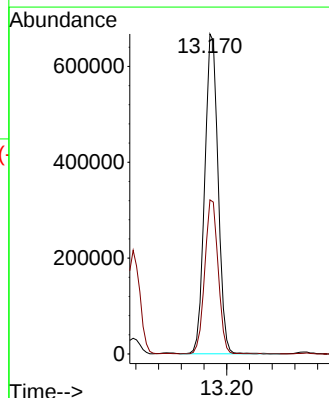
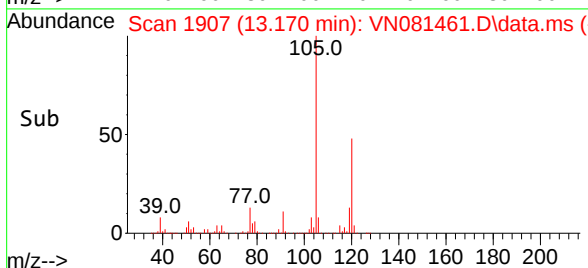
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

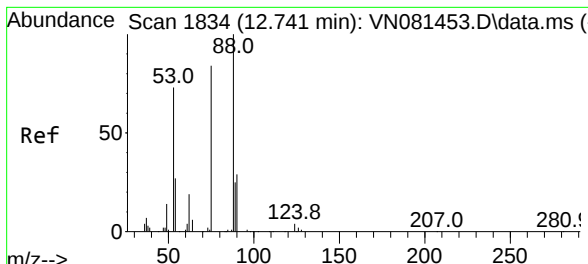


#80  
1,3,5-Trimethylbenzene  
Concen: 47.664 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03



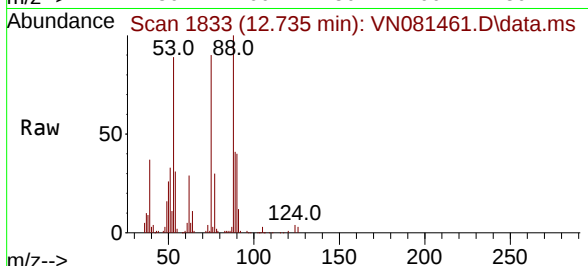
Tgt Ion:105 Resp: 1087980  
Ion Ratio Lower Upper  
105 100  
120 48.1 23.0 69.0





#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.404 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

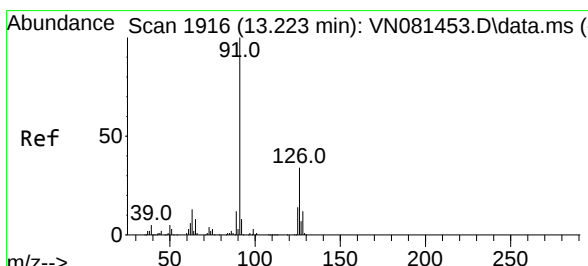
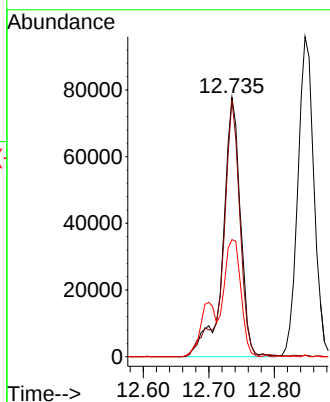
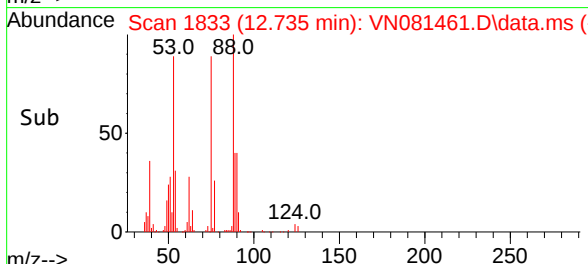
Instrument : MSVOA\_N  
ClientSampleId : VSTDCCC050



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 144652 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 53        | 95.1  | 71.4  | 107.2  |
| 89        | 43.4  | 33.4  | 50.0   |

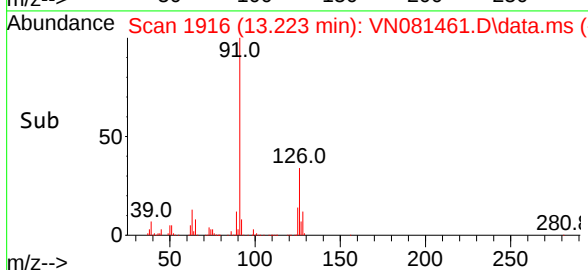
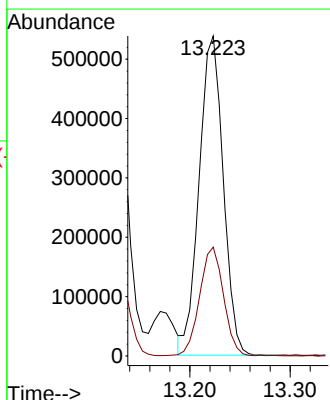
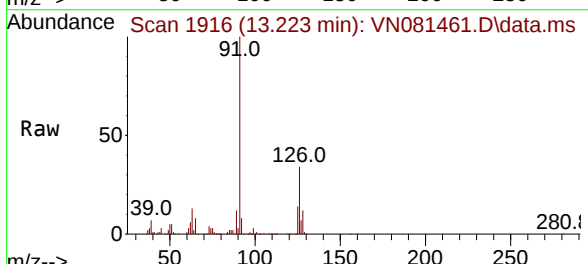
Manual Integrations  
APPROVED

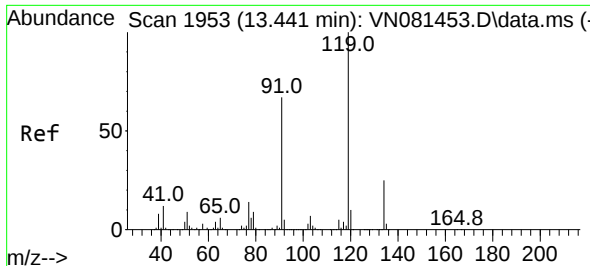
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#82  
4-Chlorotoluene  
Concen: 46.664 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

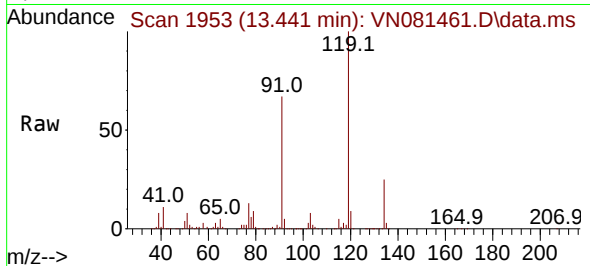
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 898682 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 33.7  | 15.3  | 45.9   |





#83  
tert-Butylbenzene  
Concen: 45.389 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

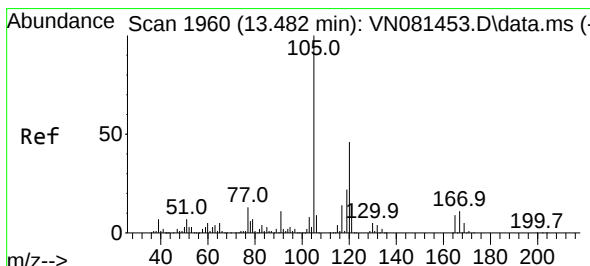
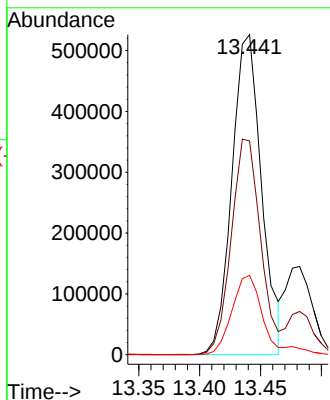
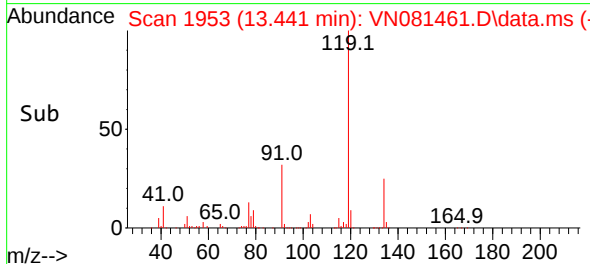
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



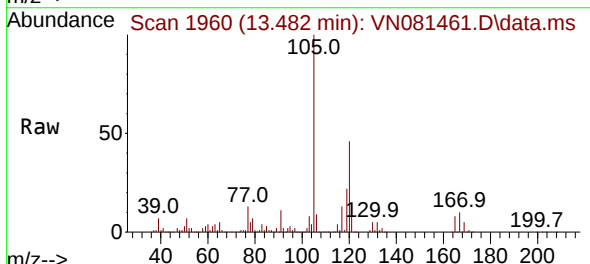
Tgt Ion:119 Resp: 893420  
Ion Ratio Lower Upper  
119 100  
91 66.5 36.8 110.4  
134 26.4 12.4 37.4

Manual Integrations  
APPROVED

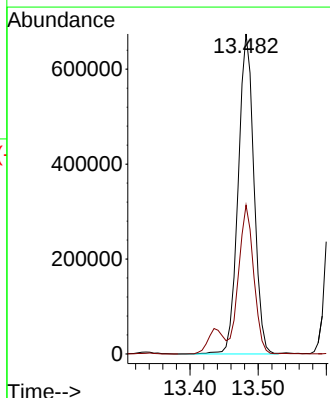
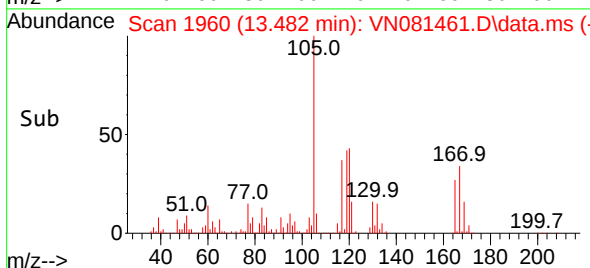
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024

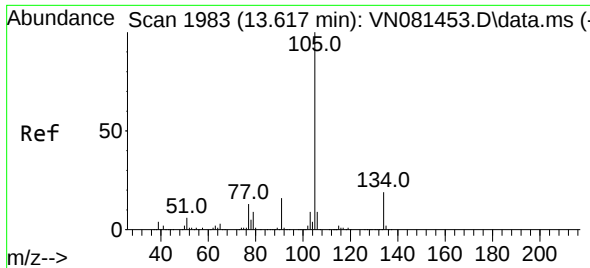


#84  
1,2,4-Trimethylbenzene  
Concen: 47.076 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03



Tgt Ion:105 Resp: 1080009  
Ion Ratio Lower Upper  
105 100  
120 44.6 20.9 62.7





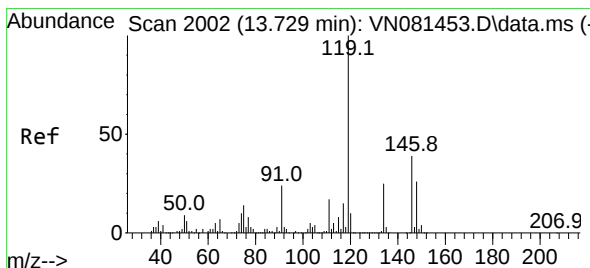
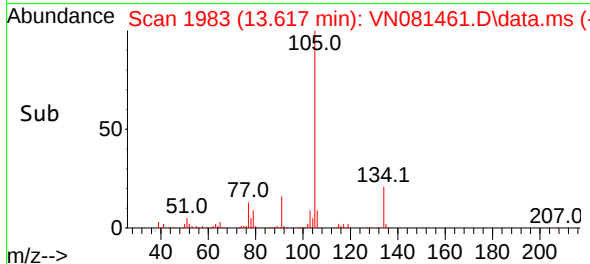
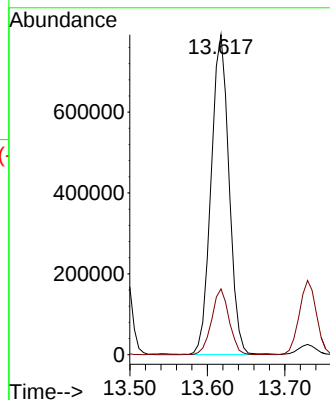
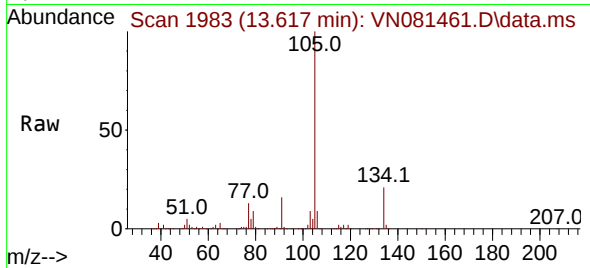
#85  
 sec-Butylbenzene  
 Concen: 45.232 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:105 Resp: 127278  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 8.6 25.8

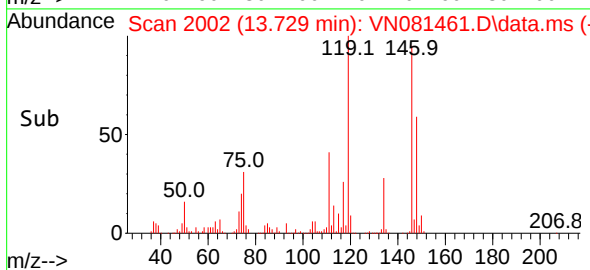
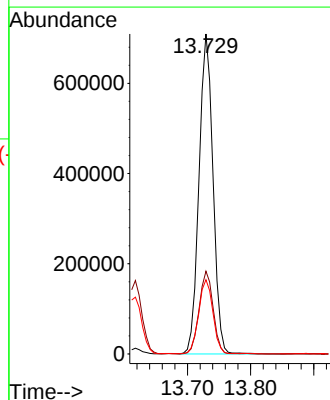
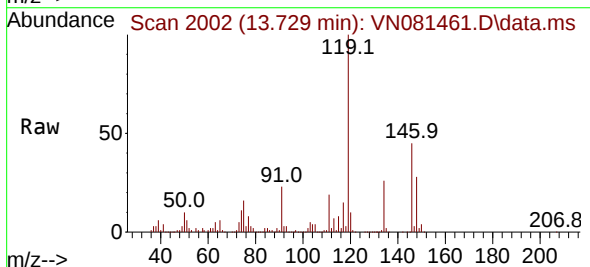
Manual Integrations  
 APPROVED

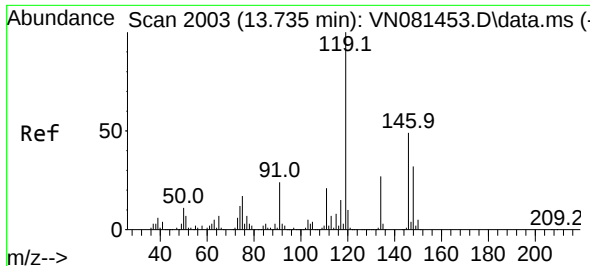
Reviewed By :John Carlone 03/20/2024  
 Supervised By :Mahesh Dadoda 03/20/2024



#86  
 p-Isopropyltoluene  
 Concen: 47.386 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03

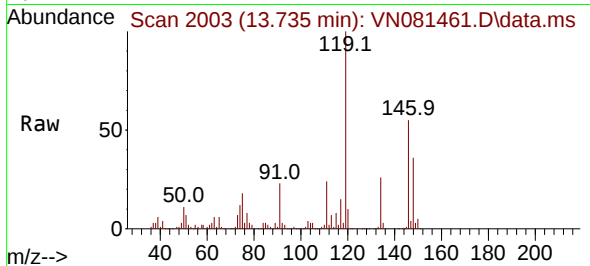
Tgt Ion:119 Resp: 1089968  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.4 37.2  
 91 23.4 13.5 40.4





#87  
 1,3-Dichlorobenzene  
 Concen: 45.628 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03

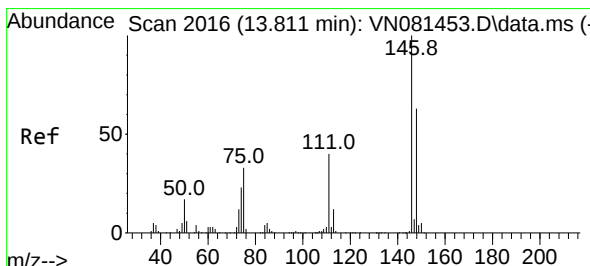
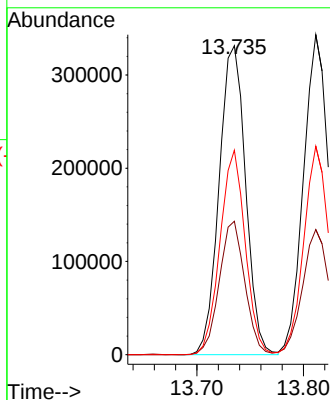
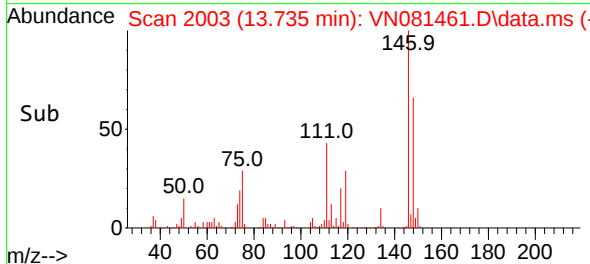
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050



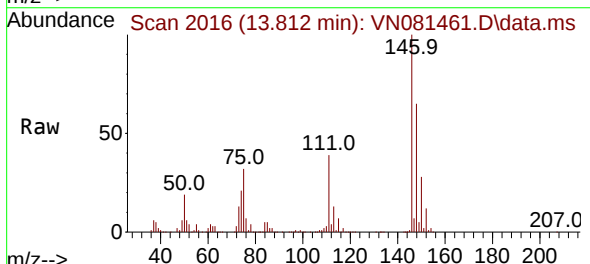
Tgt Ion:146 Resp: 57231  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 23.9 71.7  
 148 63.0 32.6 97.7

Manual Integrations  
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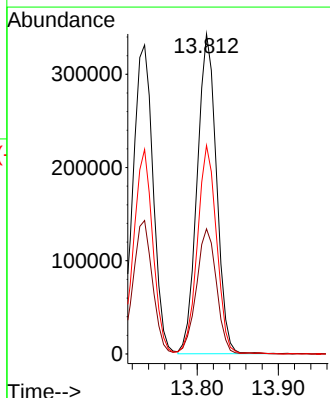
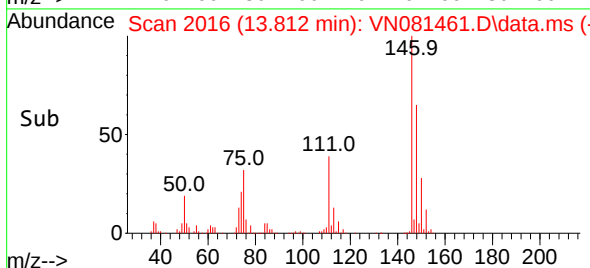
Reviewed By :John Carlone 03/20/2024  
 Supervised By :Mahesh Dadoda 03/20/2024

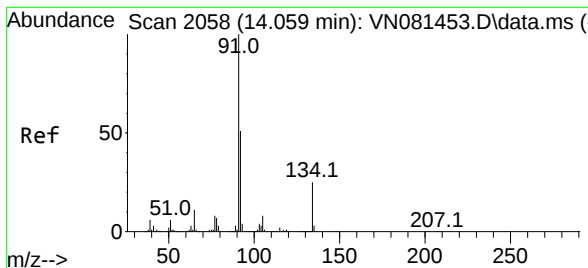


#88  
 1,4-Dichlorobenzene  
 Concen: 43.683 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN081461.D  
 Acq: 19 Mar 2024 11:03



Tgt Ion:146 Resp: 567342  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 22.6 67.7  
 148 64.1 31.9 95.5





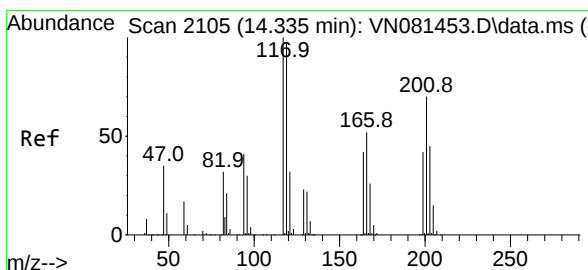
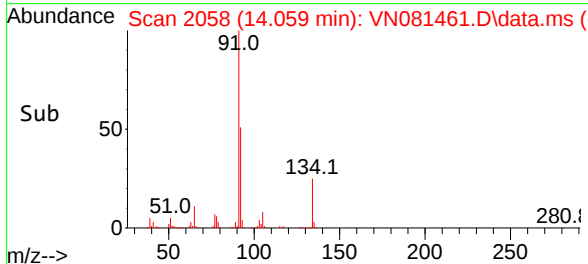
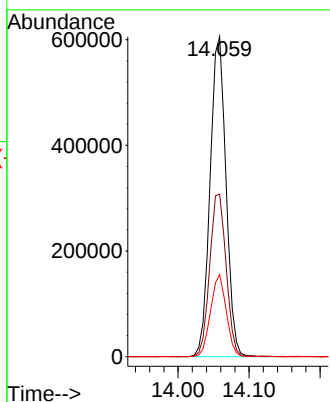
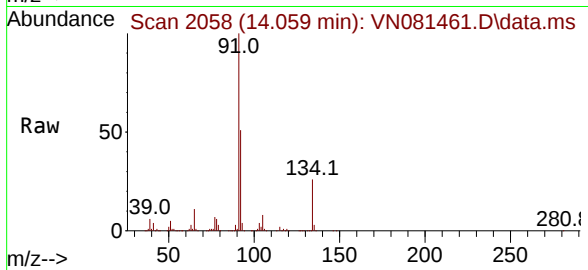
#89  
n-Butylbenzene  
Concen: 46.244 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 94322  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.7 80.1  
134 25.3 10.8 32.4

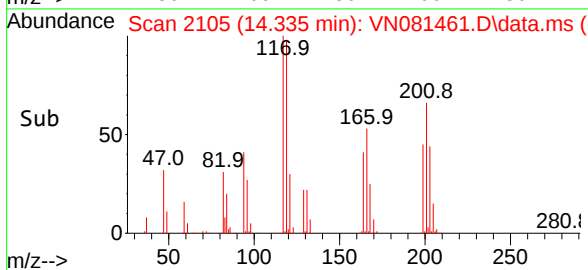
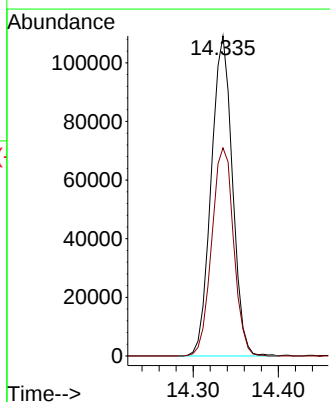
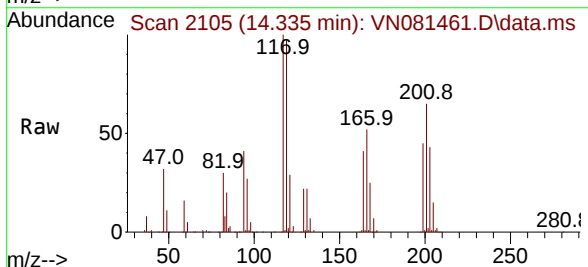
Manual Integrations  
APPROVED

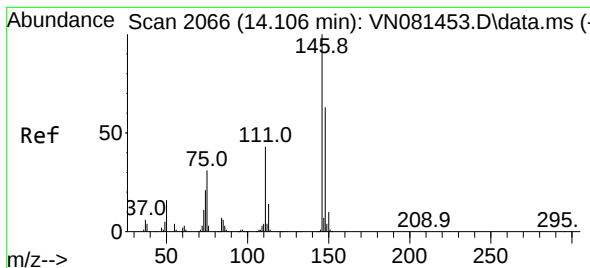
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#90  
Hexachloroethane  
Concen: 43.306 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Tgt Ion:117 Resp: 188648  
Ion Ratio Lower Upper  
117 100  
201 67.2 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 46.317 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 55916

Ion Ratio Lower Upper

146 100

111 43.0 23.9 71.8

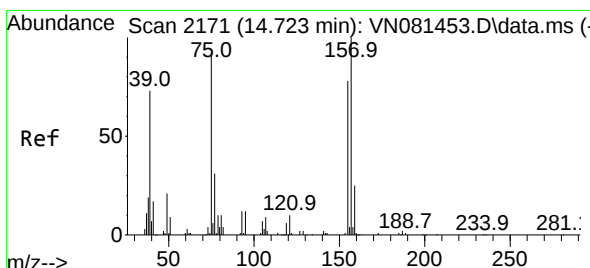
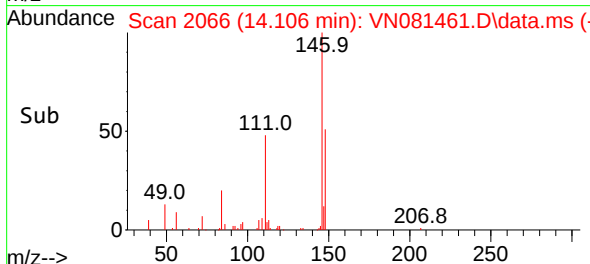
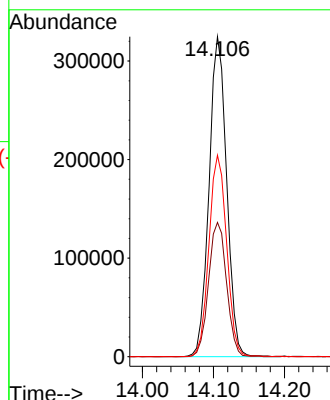
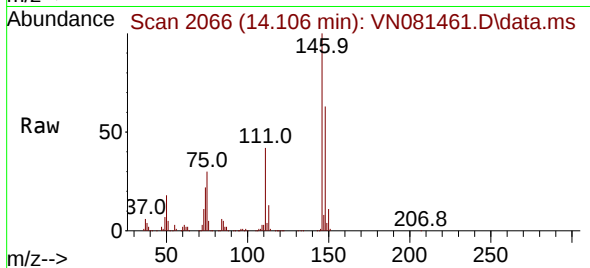
148 63.6 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.617 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

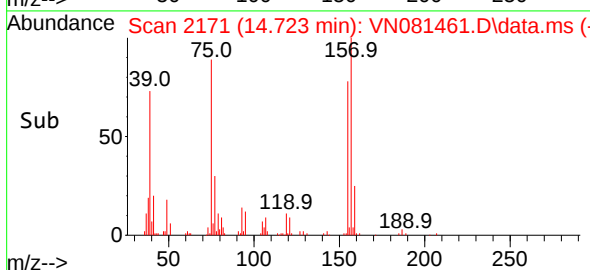
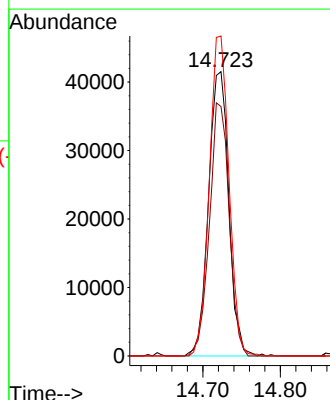
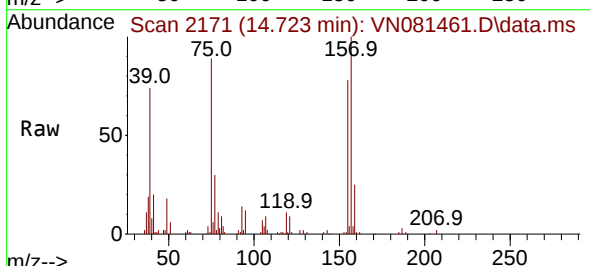
Tgt Ion: 75 Resp: 75425

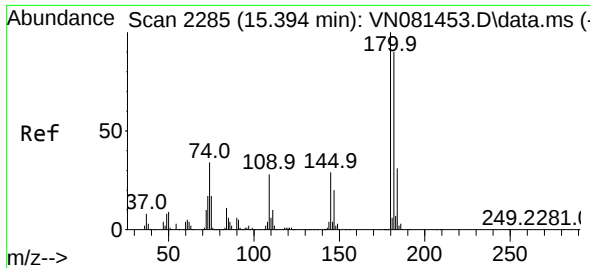
Ion Ratio Lower Upper

75 100

155 86.2 31.8 95.4

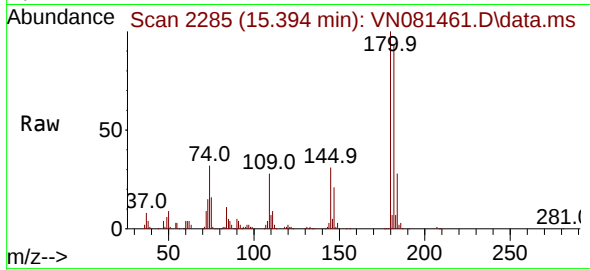
157 109.2 41.1 123.4





#93  
1,2,4-Trichlorobenzene  
Concen: 49.108 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

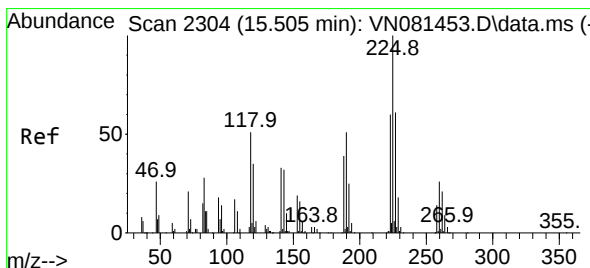
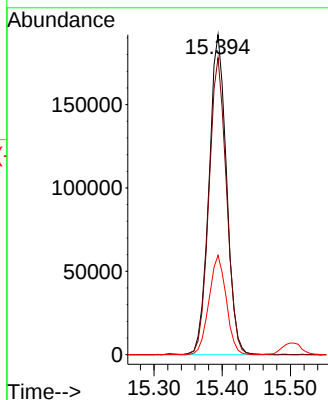
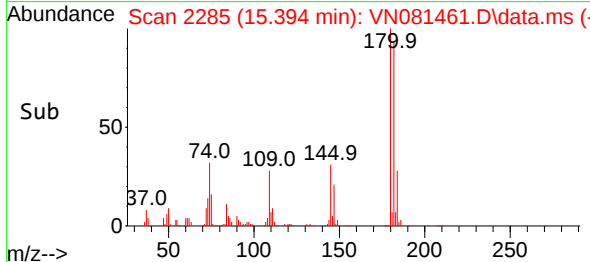
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion:180 Resp: 34280  
Ion Ratio Lower Upper  
180 100  
182 92.9 46.6 139.7  
145 30.6 16.8 50.3

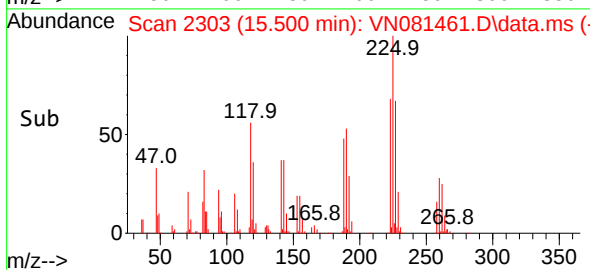
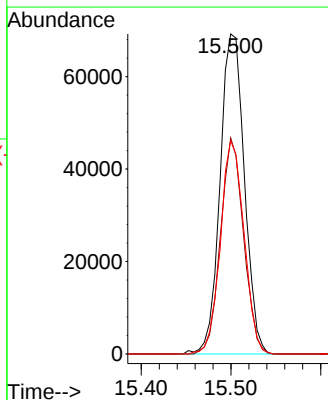
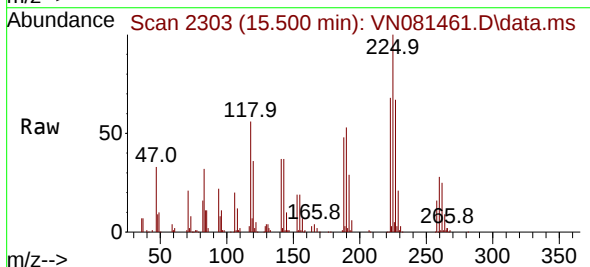
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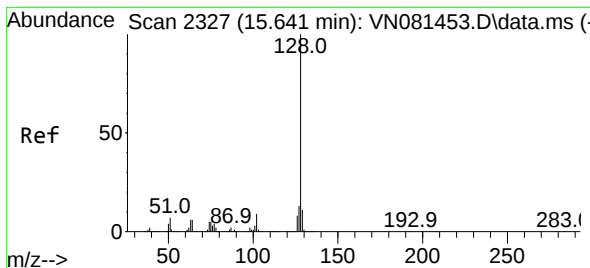
Reviewed By :John Carlone 03/20/2024  
Supervised By :Mahesh Dadoda 03/20/2024



#94  
Hexachlorobutadiene  
Concen: 42.543 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.006 min  
Lab File: VN081461.D  
Acq: 19 Mar 2024 11:03

Tgt Ion:225 Resp: 130300  
Ion Ratio Lower Upper  
225 100  
223 63.8 33.3 99.8  
227 64.6 33.1 99.2





#95

Naphthalene

Concen: 49.393 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 1117230

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

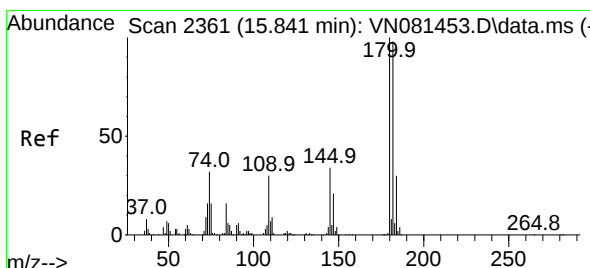
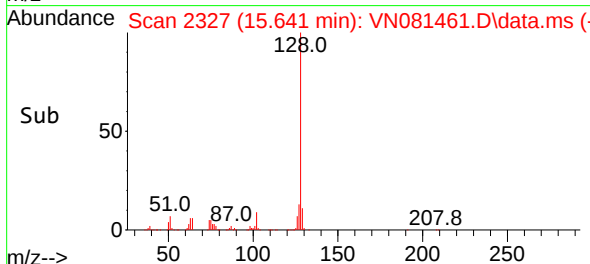
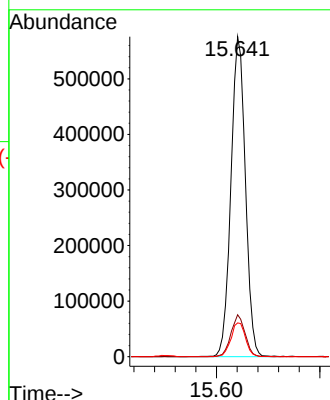
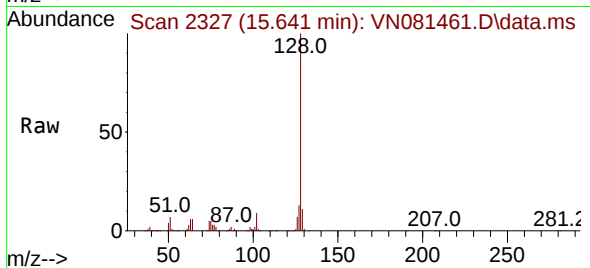
129 10.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 47.501 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Tgt Ion:180 Resp: 333523

Ion Ratio Lower Upper

180 100

182 94.2 46.5 139.3

145 33.3 17.8 53.4

