

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083965.D
 Acq On : 18 Sep 2024 06:21
 Operator : JC\MD
 Sample : P3964-04
 Misc : 7.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SINK-1

Manual Integrations
 APPROVED

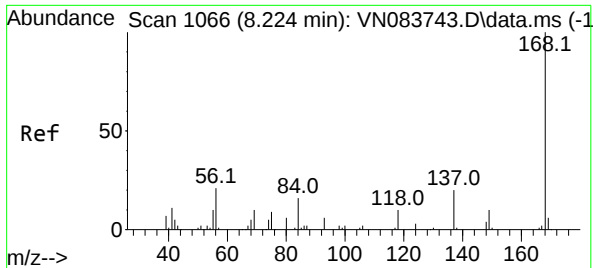
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

Quant Time: Sep 18 06:44:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

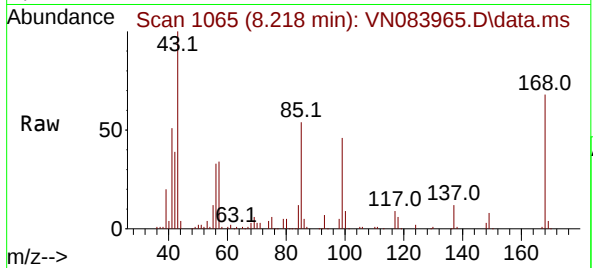
Internal Standards						
1) Pentafluorobenzene	8.218	168	187467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	318742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	273182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135247	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	135364	47.887	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.780%		
35) Dibromofluoromethane	8.159	113	95766	46.932	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.860%		
50) Toluene-d8	10.565	98	396256	56.172	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	112.340%		
62) 4-Bromofluorobenzene	12.847	95	152736	52.479	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.960%		
Target Compounds						
52) Toluene	10.623	92	82390	14.571	ug/l	99
67) Ethyl Benzene	11.959	91	2360344	218.839	ug/l	99
68) m/p-Xylenes	12.064	106	3932241	981.988	ug/l	100
69) o-Xylene	12.394	106	1404003	362.182	ug/l	100
73) Isopropylbenzene	12.694	105	924042	88.311	ug/l	99
78) n-propylbenzene	13.035	91	1721208	141.378	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	1795709	203.554	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	6152688	694.311	ug/l	100
85) sec-Butylbenzene	13.611	105	113923m	11.130	ug/l	
86) p-Isopropyltoluene	13.729	119	44606m	5.199	ug/l	
89) n-Butylbenzene	14.053	91	187901m	24.390	ug/l	

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

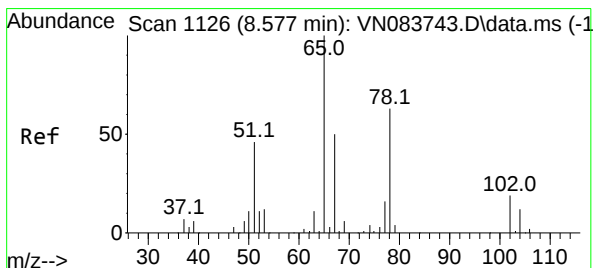
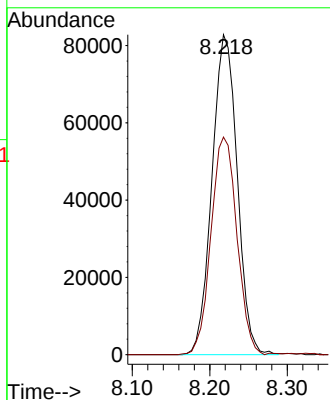
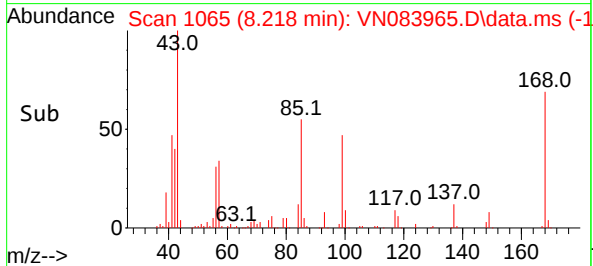
Instrument :
MSVOA_N
ClientSampleId :
SINK-1



Tgt Ion:168 Resp: 18746
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2

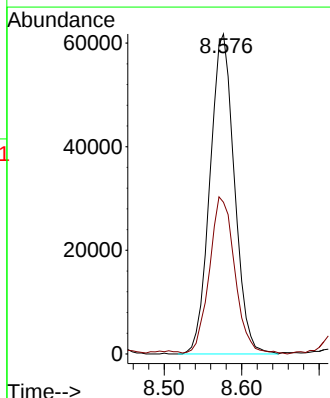
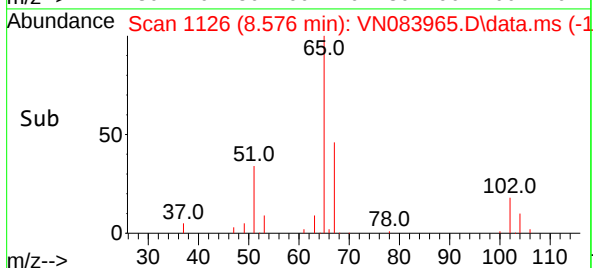
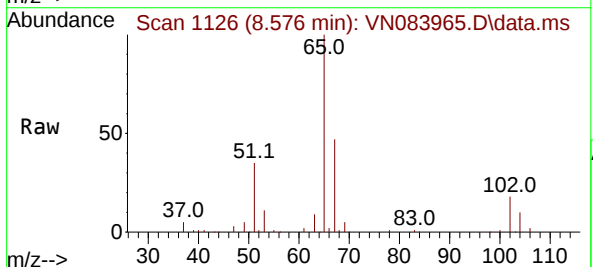
Manual Integrations
APPROVED

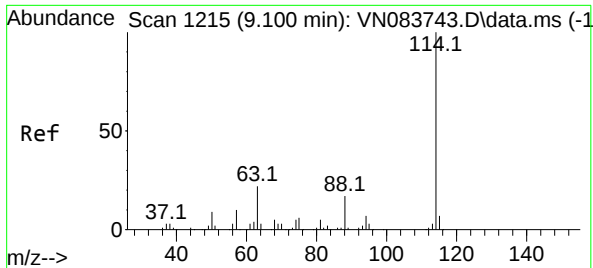
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#33
1,2-Dichloroethane-d4
Concen: 47.887 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 65 Resp: 135364
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

ClientSampleId :

SINK-1

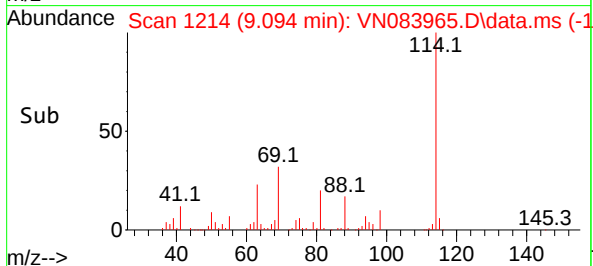
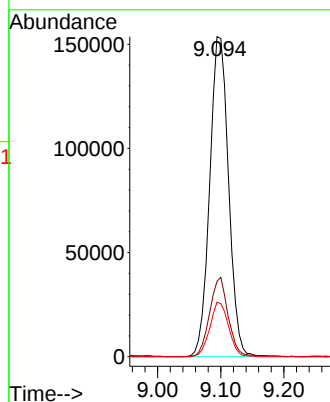
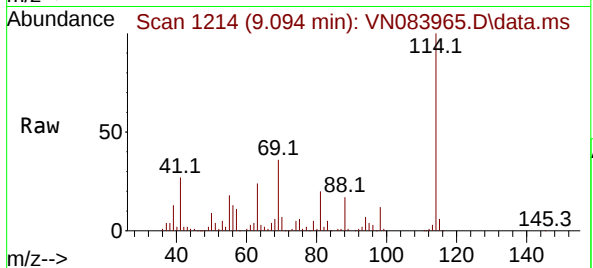
Tgt Ion:114	Resp:	31874
Ion Ratio	Lower	Upper
114	100	
63	23.6	0.0 43.4
88	17.1	0.0 32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#35

Dibromofluoromethane

Concen: 46.932 ug/l

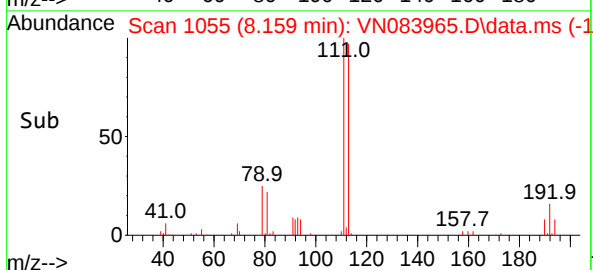
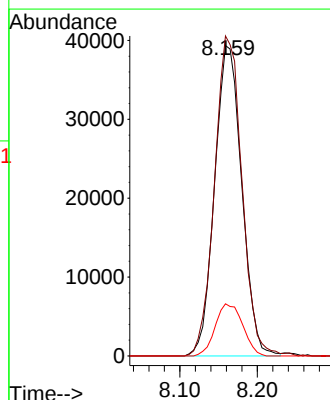
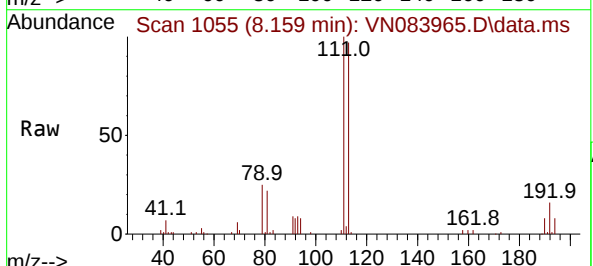
RT: 8.159 min Scan# 1055

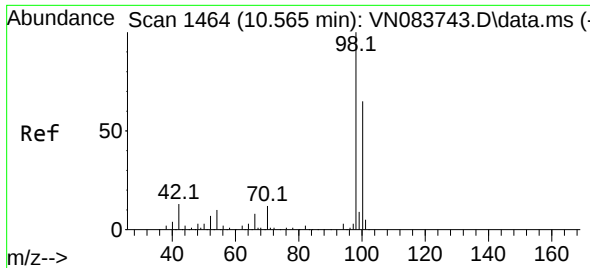
Delta R.T. -0.006 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

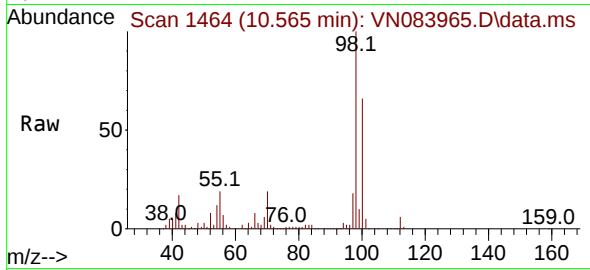
Tgt Ion:113	Resp:	95766
Ion Ratio	Lower	Upper
113	100	
111	104.2	82.6 124.0
192	17.0	14.3 21.5





#50
Toluene-d8
Concen: 56.172 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

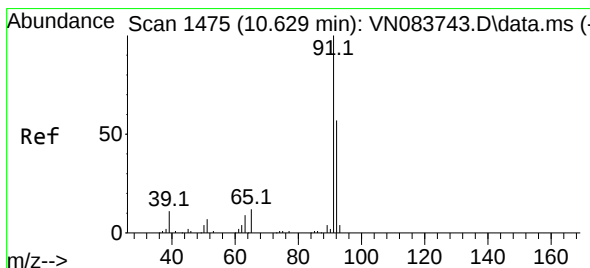
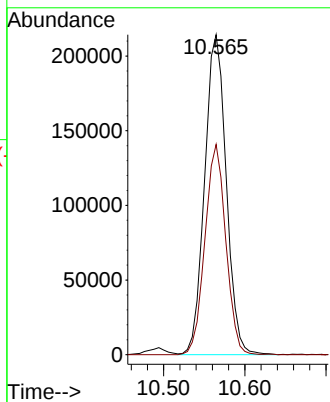
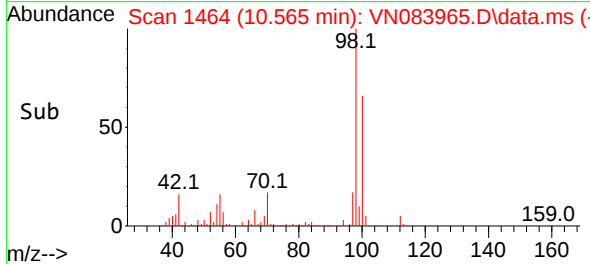
Instrument :
MSVOA_N
ClientSampleId :
SINK-1



Tgt Ion: 98 Resp: 396250
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

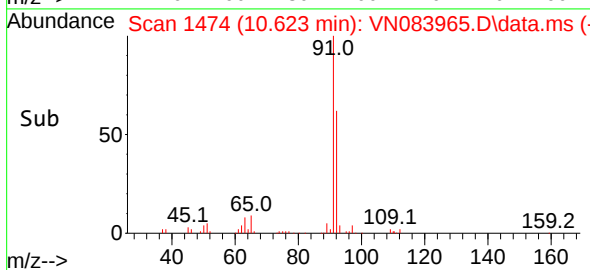
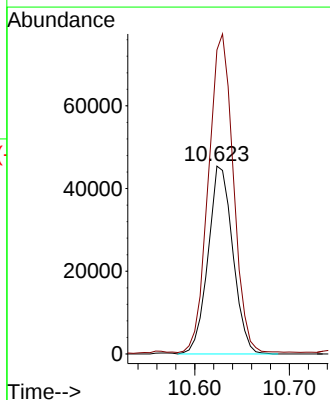
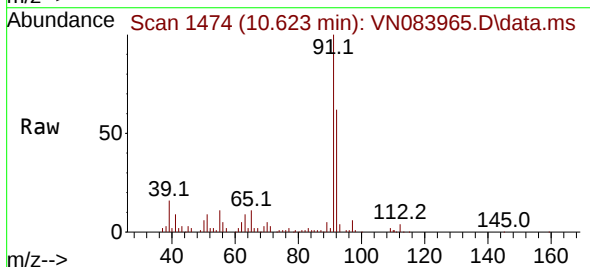
Manual Integrations
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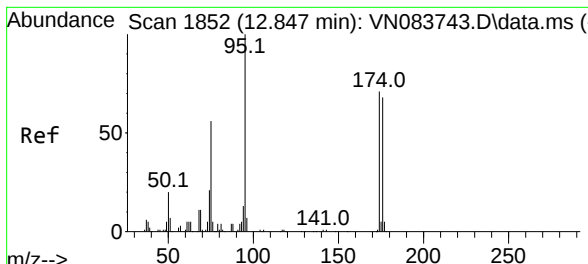
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#52
Toluene
Concen: 14.571 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 92 Resp: 82390
Ion Ratio Lower Upper
92 100
91 170.3 134.7 202.1





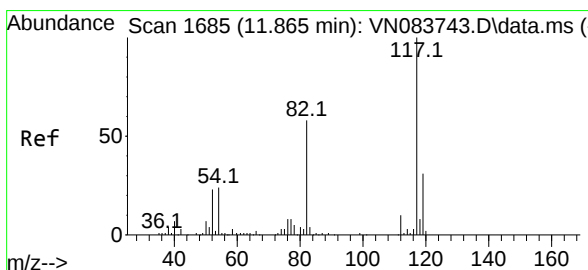
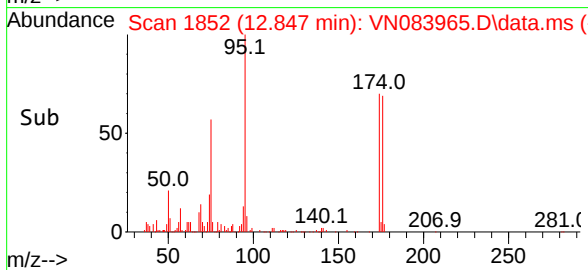
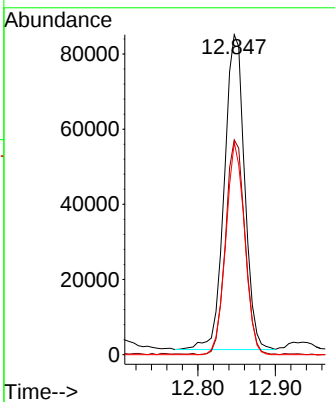
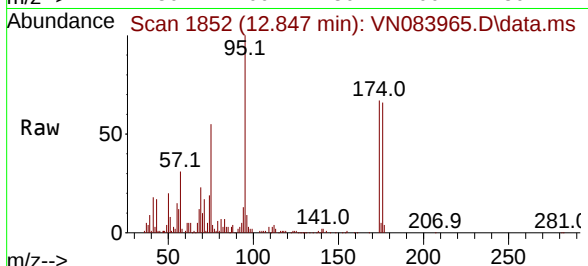
#62
 4-Bromofluorobenzene
 Concen: 52.479 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN083965.D
 Acq: 18 Sep 2024 06:21

Instrument : MSVOA_N
 ClientSampleId : SINK-1

Tgt Ion:	95	Resp:	152730
Ion Ratio	Lower	Upper	
95	100		
174	65.4	0.0	139.8
176	62.5	0.0	131.4

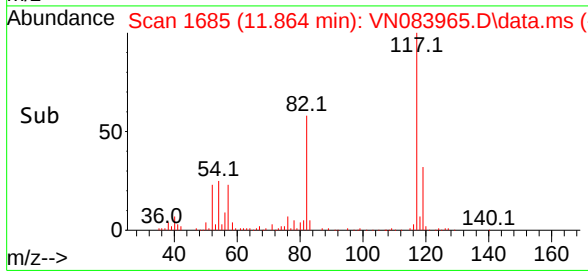
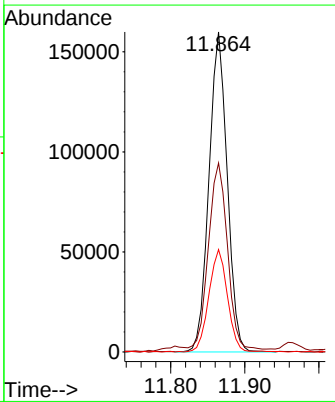
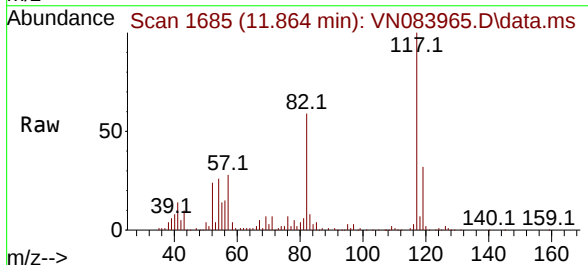
Manual Integrations
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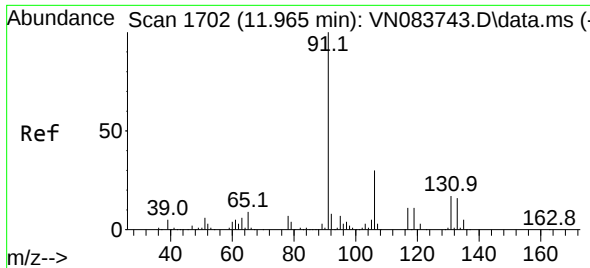
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.864 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN083965.D
 Acq: 18 Sep 2024 06:21

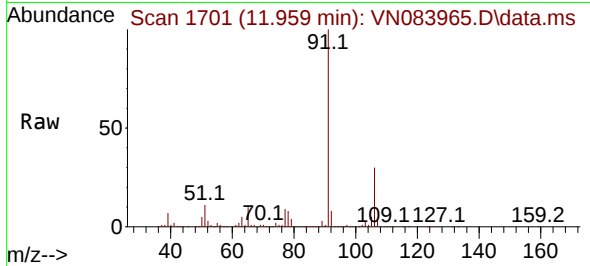
Tgt Ion:	117	Resp:	273182
Ion Ratio	Lower	Upper	
117	100		
82	58.1	47.4	71.0
119	32.0	26.3	39.5





#67
Ethyl Benzene
Concen: 218.839 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

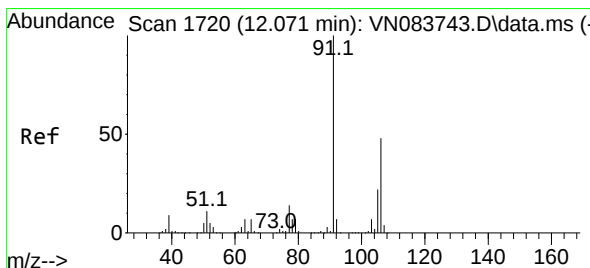
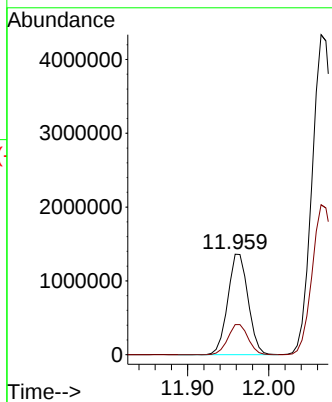
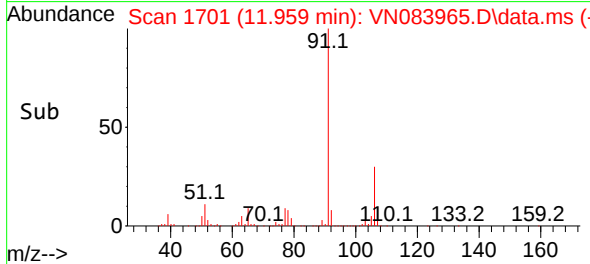
Instrument :
MSVOA_N
ClientSampleId :
SINK-1



Tgt Ion: 91 Resp: 2360344
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

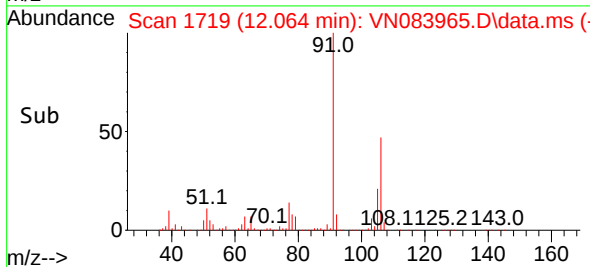
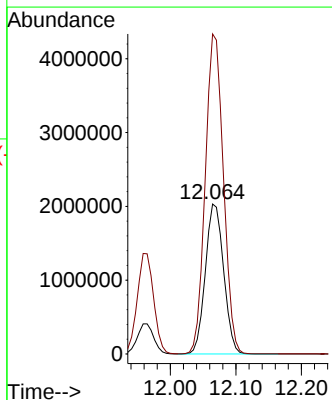
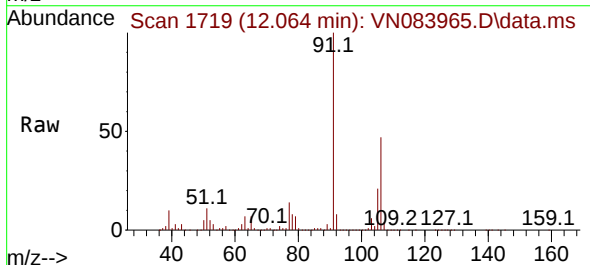
Manual Integrations
APPROVED

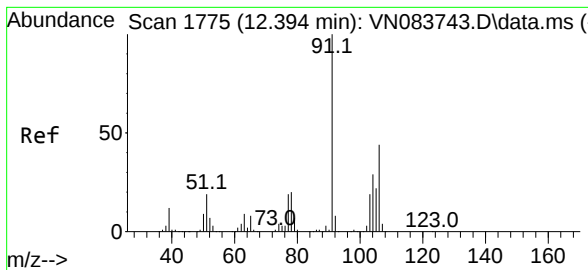
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#68
m/p-Xylenes
Concen: 981.988 ug/l
RT: 12.064 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

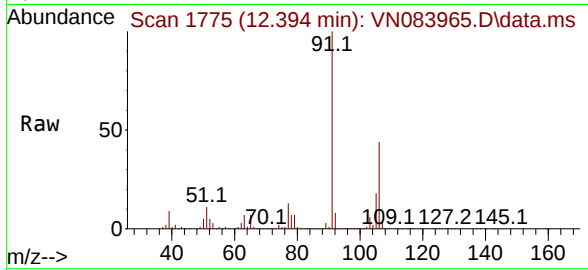
Tgt Ion:106 Resp: 3932241
Ion Ratio Lower Upper
106 100
91 212.1 169.2 253.8





#69
o-Xylene
Concen: 362.182 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

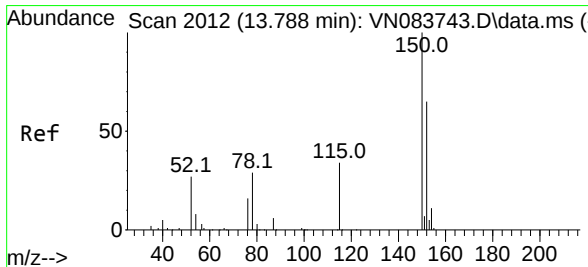
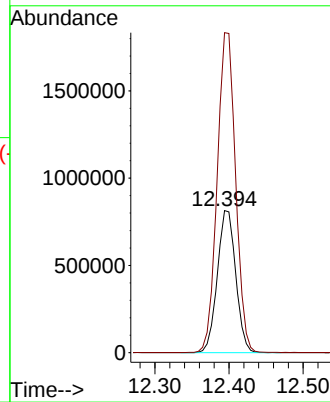
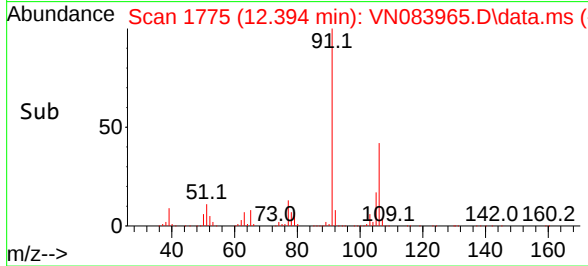
Instrument :
MSVOA_N
ClientSampleId :
SINK-1



Tgt Ion:106 Resp: 140400
Ion Ratio Lower Upper
106 100
91 225.5 112.9 338.6

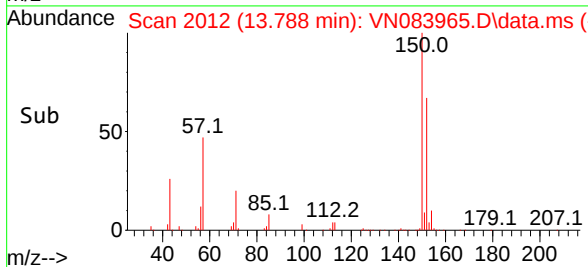
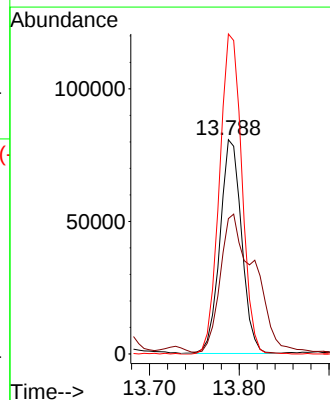
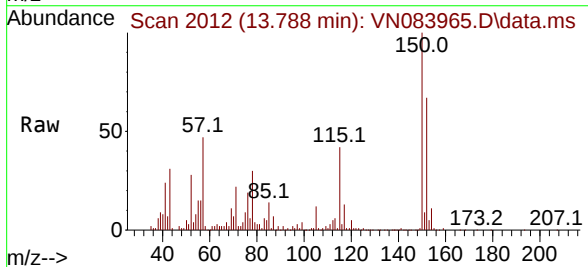
Manual Integrations
APPROVED

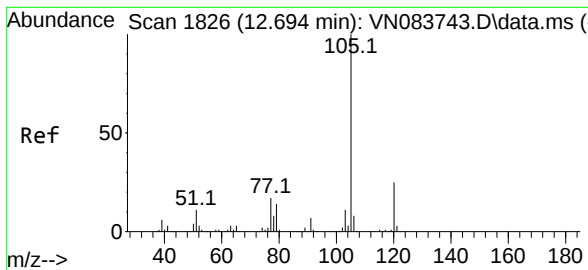
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

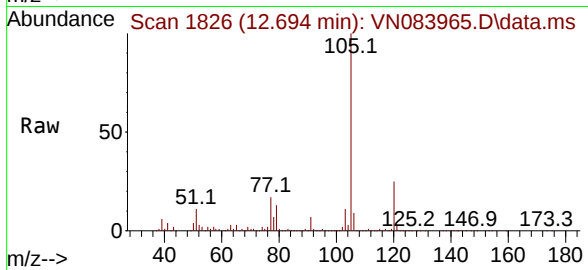
Tgt Ion:152 Resp: 135247
Ion Ratio Lower Upper
152 100
115 102.5 32.2 96.6#
150 154.7 0.0 348.6





#73
Isopropylbenzene
Concen: 88.311 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

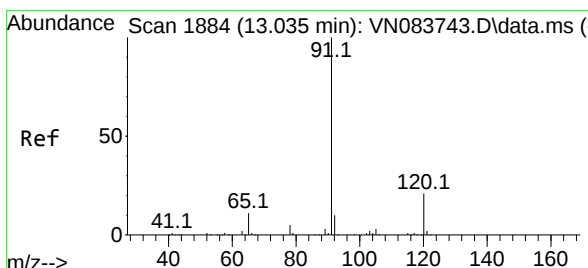
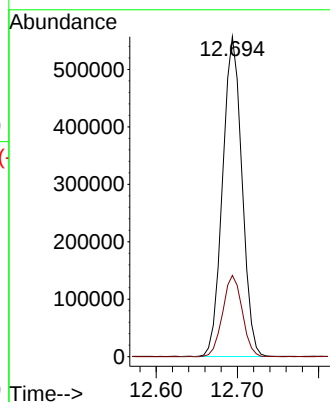
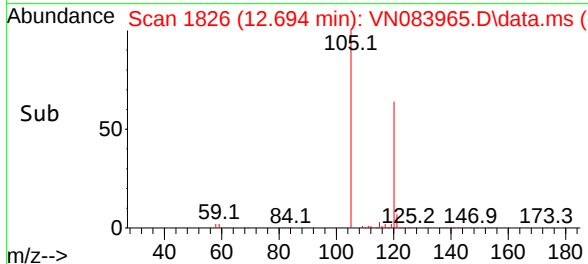
Instrument : MSVOA_N
ClientSampleId : SINK-1



Tgt Ion:105 Resp: 92404
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.8

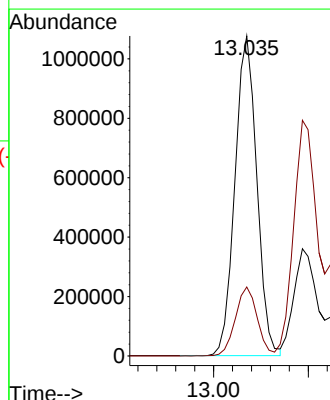
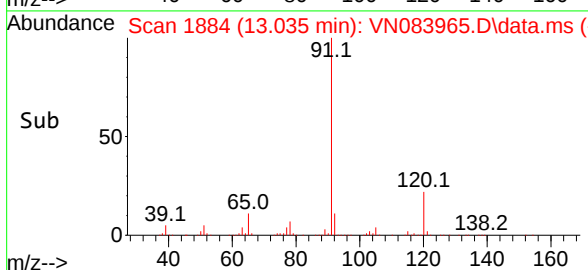
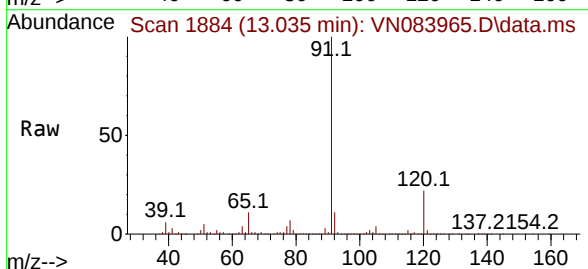
Manual Integrations
APPROVED

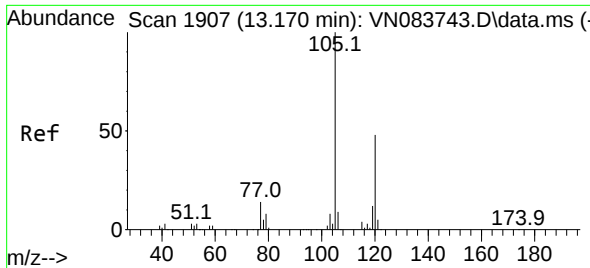
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#78
n-propylbenzene
Concen: 141.378 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

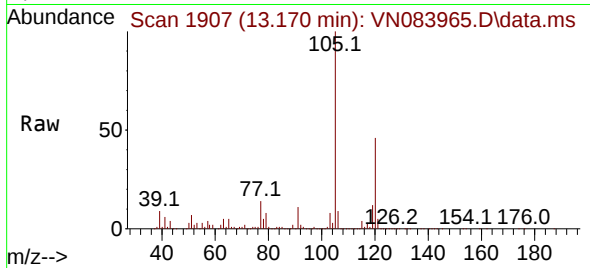
Tgt Ion: 91 Resp: 1721208
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0





#80
 1,3,5-Trimethylbenzene
 Concen: 203.554 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN083965.D
 Acq: 18 Sep 2024 06:21

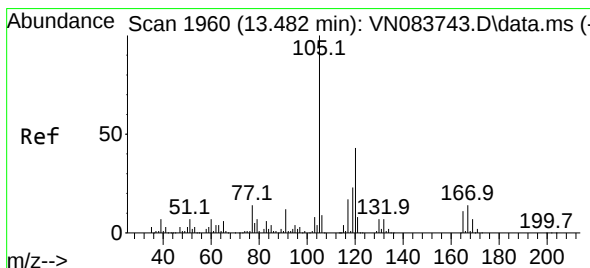
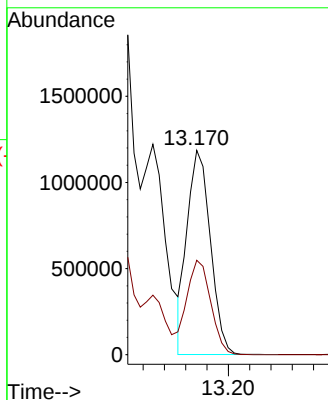
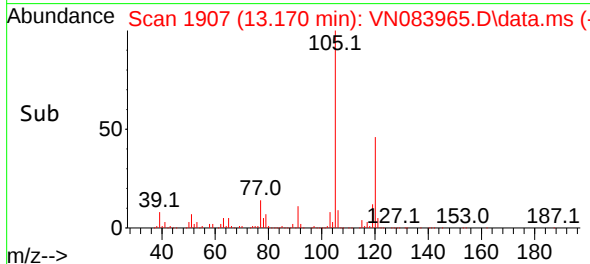
Instrument :
 MSVOA_N
 ClientSampleId :
 SINK-1



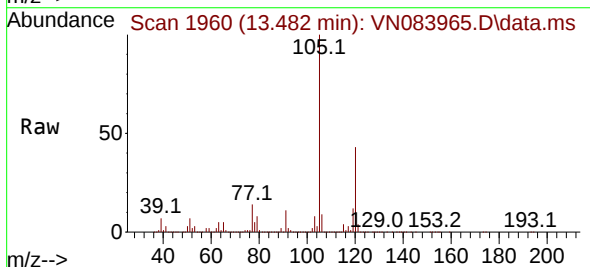
Tgt Ion:105 Resp: 1795709
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.4 70.3

Manual Integrations
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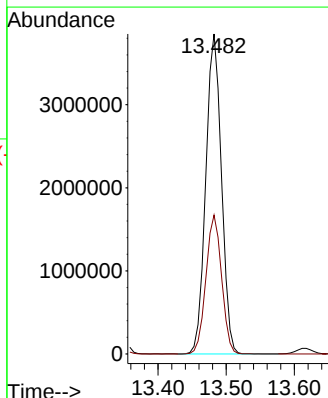
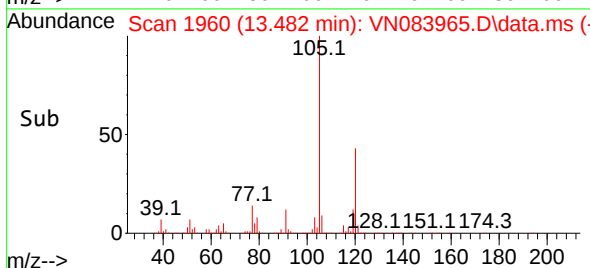
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

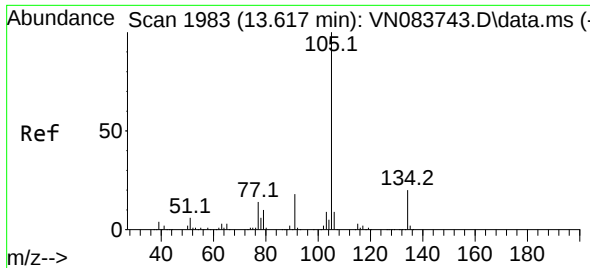


#84
 1,2,4-Trimethylbenzene
 Concen: 694.311 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN083965.D
 Acq: 18 Sep 2024 06:21



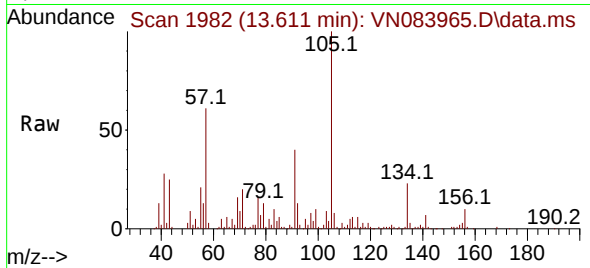
Tgt Ion:105 Resp: 6152688
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 11.130 ug/l m
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN083965.D
 Acq: 18 Sep 2024 06:21

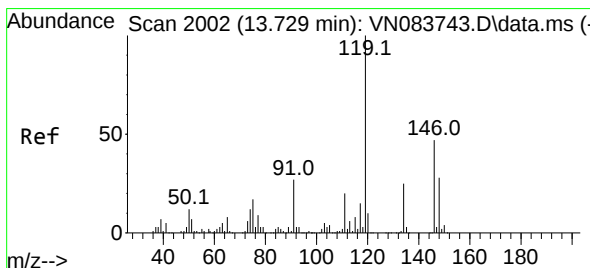
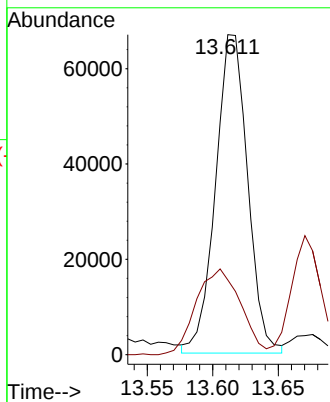
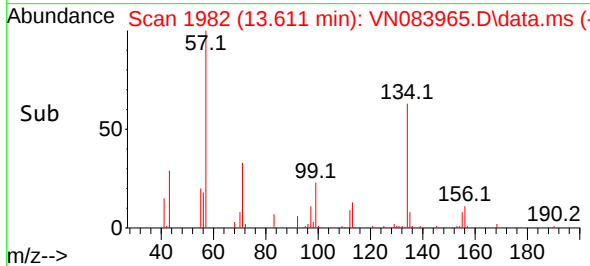
Instrument :
 MSVOA_N
 ClientSampleId :
 SINK-1



Tgt Ion:105 Resp: 11392
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1

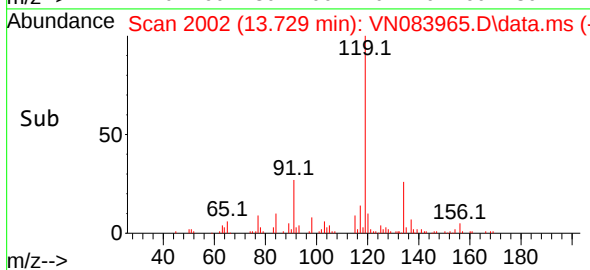
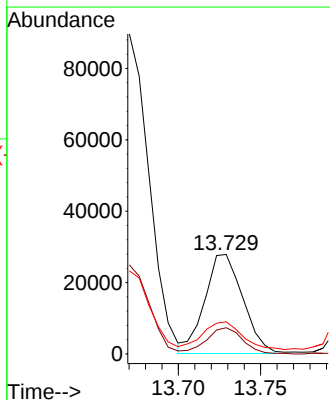
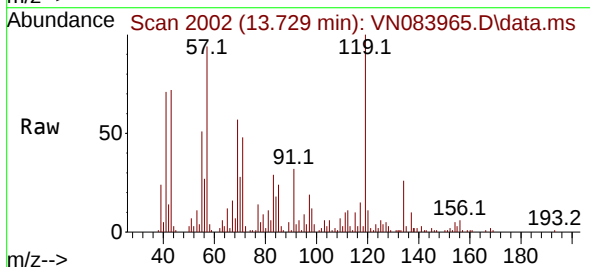
Manual Integrations
 APPROVED

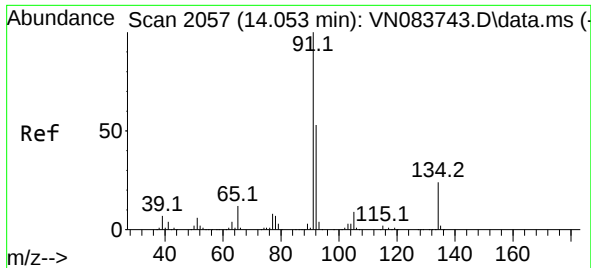
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#86
 p-Isopropyltoluene
 Concen: 5.199 ug/l m
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083965.D
 Acq: 18 Sep 2024 06:21

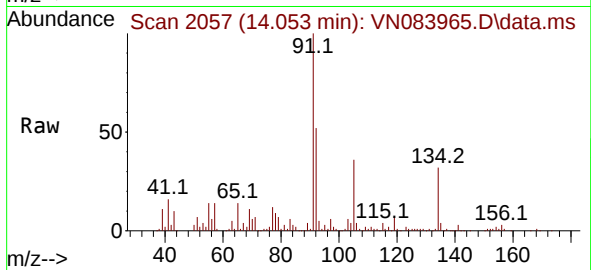
Tgt Ion:119 Resp: 44606
 Ion Ratio Lower Upper
 119 100
 134 86.6 12.8 38.3#
 91 75.5 12.9 38.7#





#89
n-Butylbenzene
Concen: 24.390 ug/l m
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Instrument :
MSVOA_N
ClientSampleId :
SINK-1



Tgt Ion: 91 Resp: 187900
Ion Ratio Lower Upper
91 100
92 0.0 26.7 80.1
134 0.0 12.2 36.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

