

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034708.D
 Acq On : 23 Mar 2023 18:58
 Operator : JC/MD
 Sample : 02055-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4B

Quant Time: Mar 24 05:48:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	295319	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	501072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215371	50.129	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.260%			
35) Dibromofluoromethane	5.385	113	159517	48.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.440%			
50) Toluene-d8	8.647	98	603515	48.867	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.740%			
62) 4-Bromofluorobenzene	11.079	95	233319	46.771	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.540%			
Target Compounds					Qvalue	
16) Acetone	2.379	43	30194	14.920	ug/l	97
25) 2-Butanone	4.562	43	34572	11.939	ug/l	98
31) Cyclohexane	5.476	56	375357	62.296	ug/l	97
39) Methylcyclohexane	7.379	83	512033	84.202	ug/l	92
52) Toluene	8.720	92	13313	1.447	ug/l	99
67) Ethyl Benzene	10.195	91	403831	22.803	ug/l	98
68) m/p-Xylenes	10.299	106	507959	74.666	ug/l	98
69) o-Xylene	10.640	106	27686	4.055	ug/l	94
73) Isopropylbenzene	10.963	105	108940	6.773	ug/l	98
78) n-propylbenzene	11.305	91	280078	15.077	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	782869	58.025	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1518295	110.112	ug/l	100
85) sec-Butylbenzene	11.890	105	41788m	2.513	ug/l	
86) p-Isopropyltoluene	12.006	119	31734	2.270	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	3621	0.474	ug/l #	27
89) n-Butylbenzene	12.323	91	42175m	3.394	ug/l	
91) 1,2-Dichlorobenzene	12.335	146	9846	1.347	ug/l	99

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

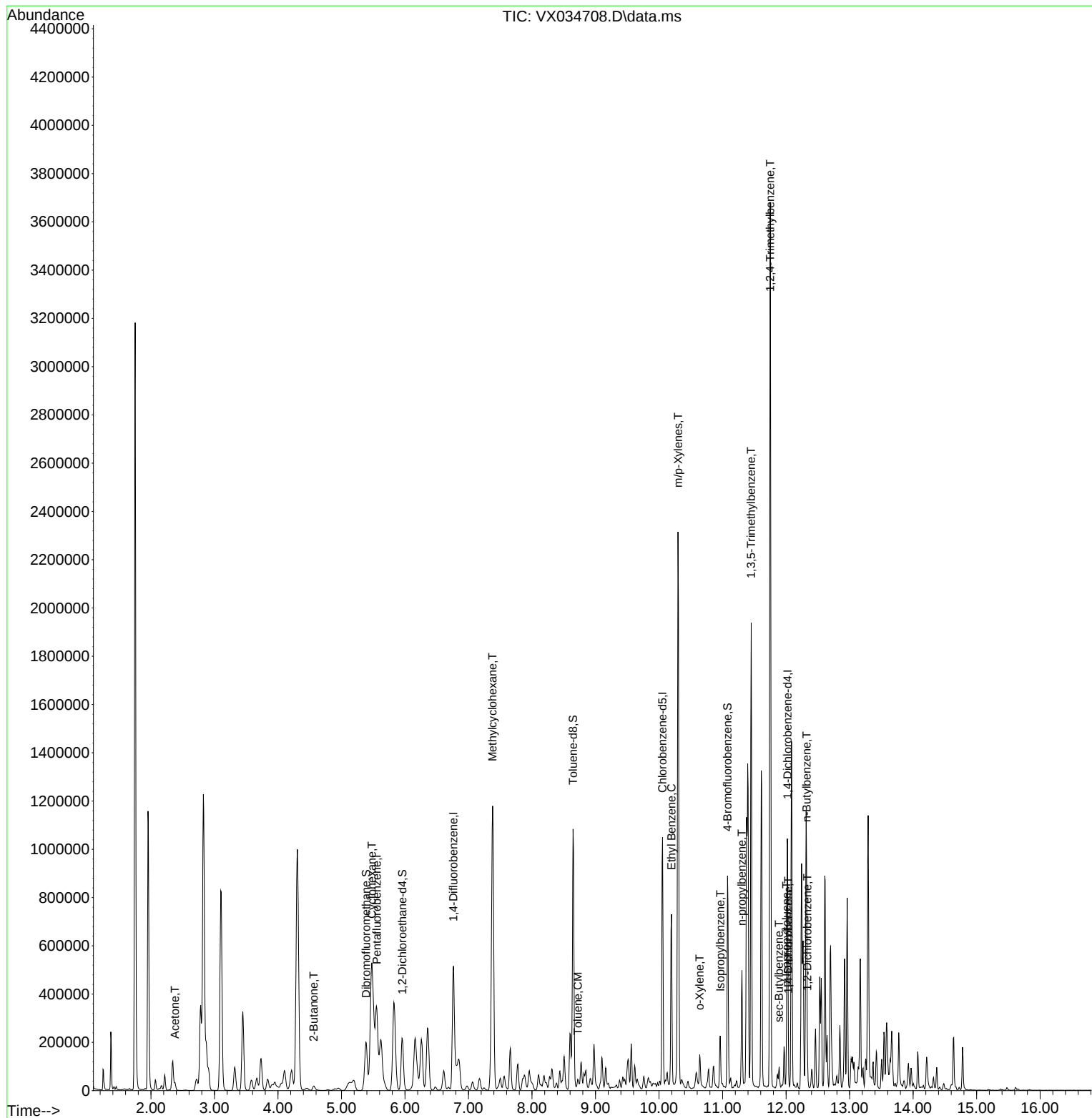
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
Data File : VX034708.D
Acq On : 23 Mar 2023 18:58
Operator : JC/MD
Sample : 02055-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

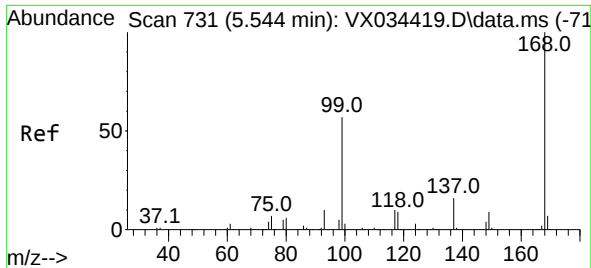
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

Quant Time: Mar 24 05:48:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

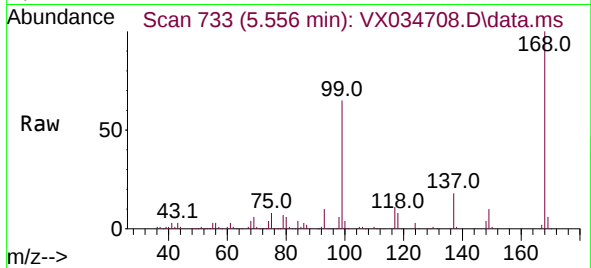
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

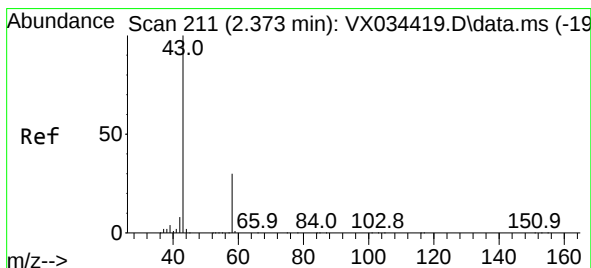
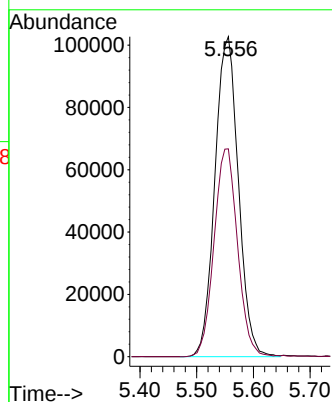
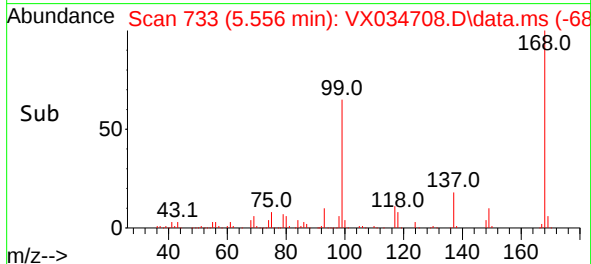
Instrument :
MSVOA_X
ClientSampleId :
MW-4B



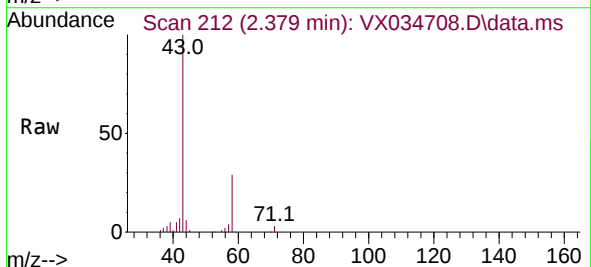
Tgt Ion:168 Resp: 295319
Ion Ratio Lower Upper
168 100
99 64.9 45.7 68.5

Manual Integrations
APPROVED

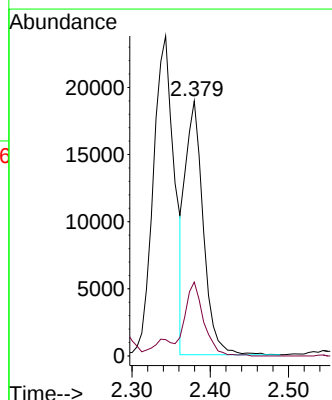
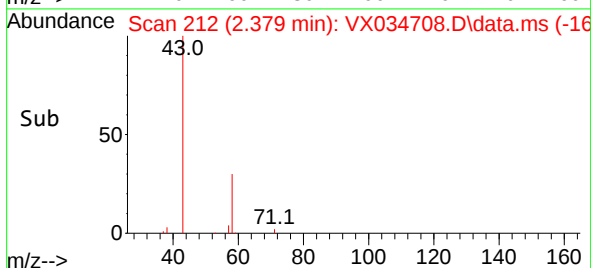
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023

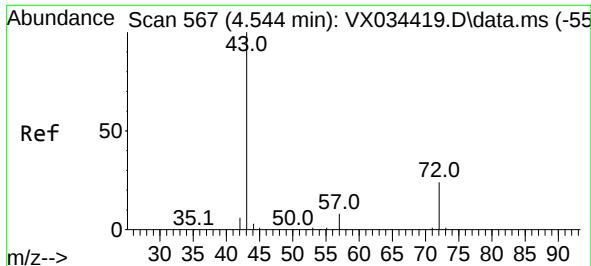


#16
Acetone
Concen: 14.920 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58



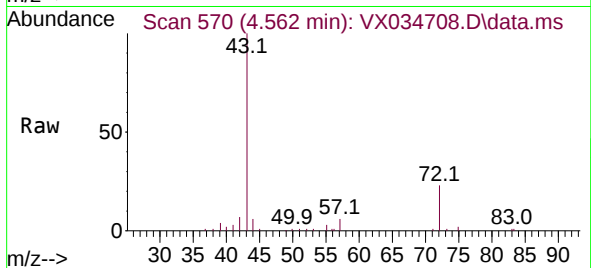
Tgt Ion: 43 Resp: 30194
Ion Ratio Lower Upper
43 100
58 29.1 24.7 37.1





#25
2-Butanone
Concen: 11.939 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

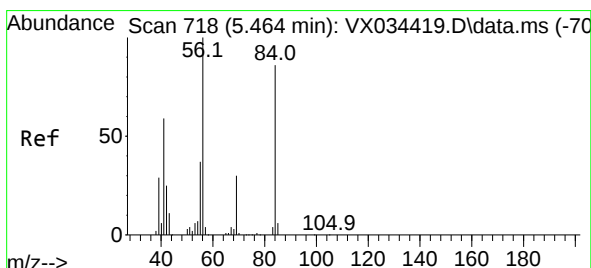
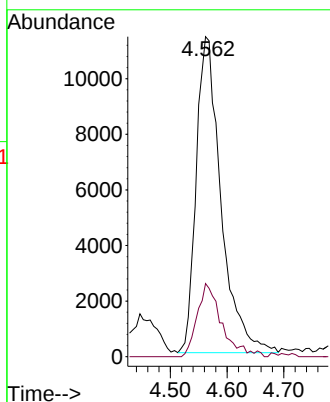
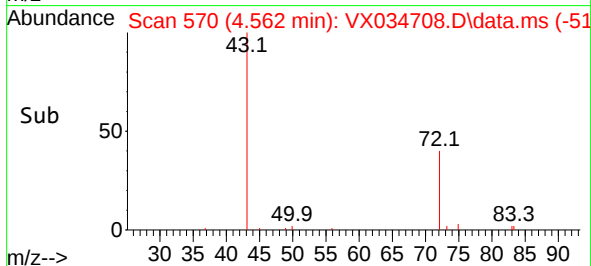
Instrument :
MSVOA_X
ClientSampleId :
MW-4B



Tgt Ion: 43 Resp: 34572
Ion Ratio Lower Upper
43 100
72 23.2 19.3 28.9

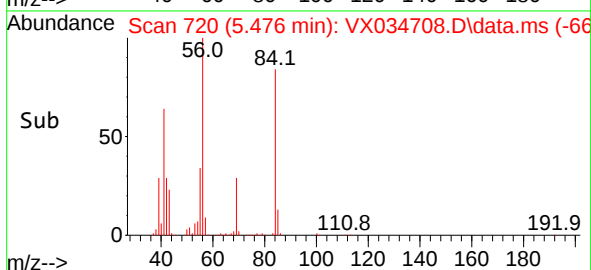
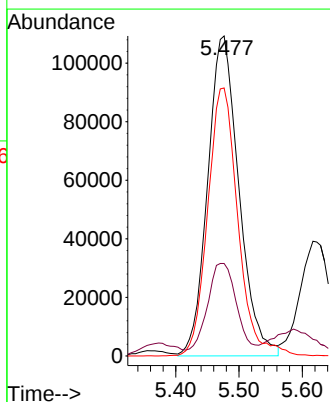
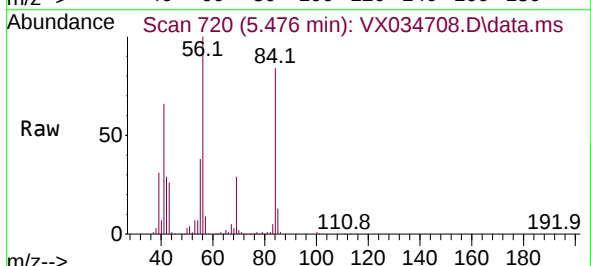
Manual Integrations
APPROVED

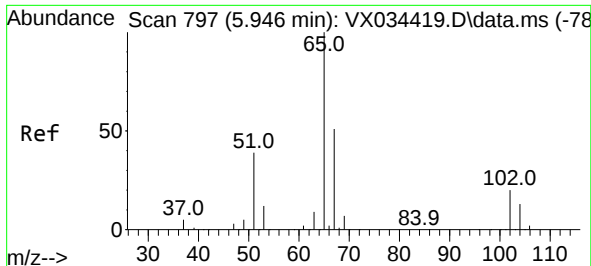
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#31
Cyclohexane
Concen: 62.296 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.012 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

Tgt Ion: 56 Resp: 375357
Ion Ratio Lower Upper
56 100
69 26.3 23.7 35.5
84 84.1 68.5 102.7





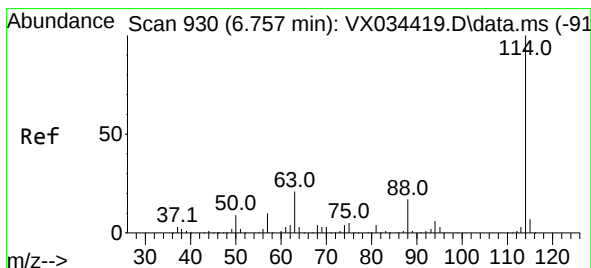
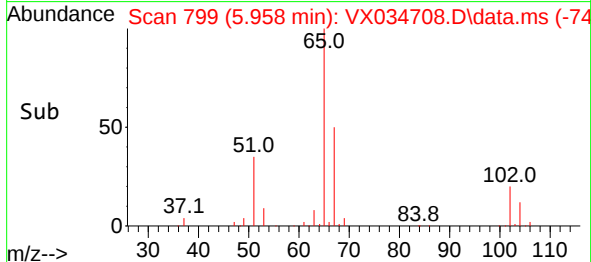
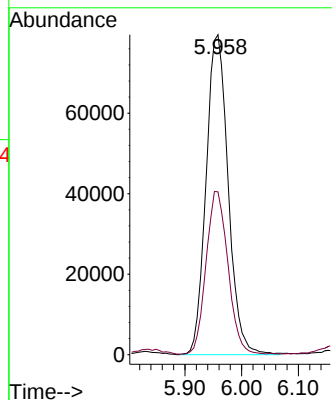
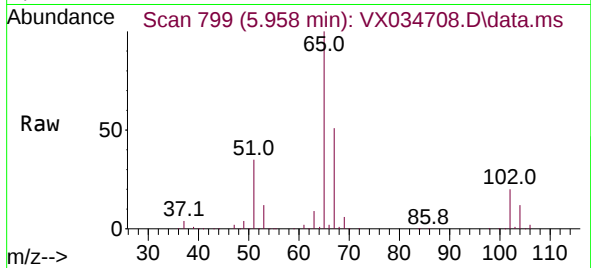
#33
1,2-Dichloroethane-d4
Concen: 50.129 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

Instrument :
MSVOA_X
Client SampleId :
MW-4B

Tgt Ion: 65 Resp: 21537
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.0

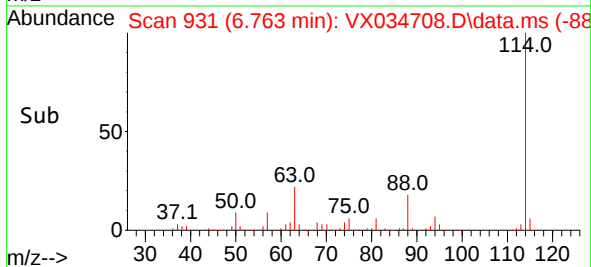
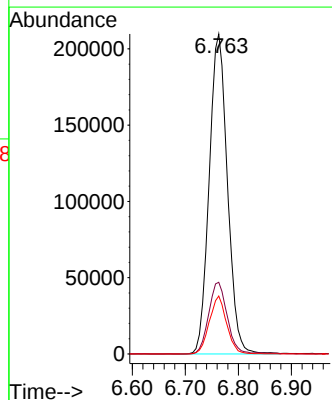
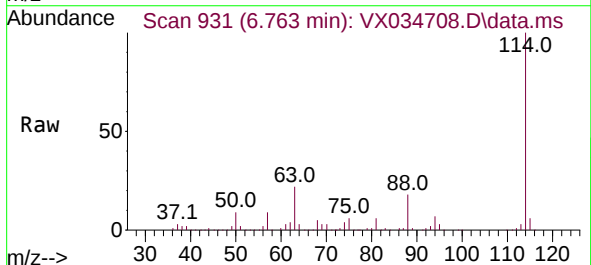
Manual Integrations
APPROVED

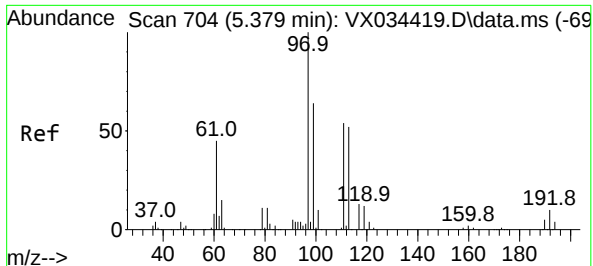
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

Tgt Ion:114 Resp: 501072
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.2
88 18.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.217 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034708.D

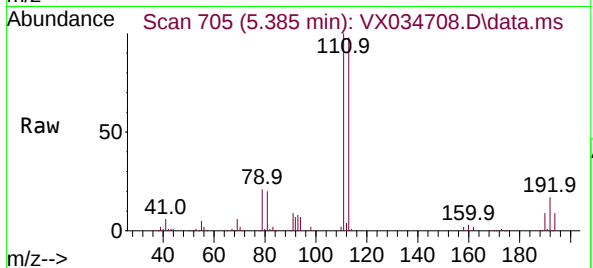
Acq: 23 Mar 2023 18:58

Instrument :

MSVOA_X

ClientSampleId :

MW-4B



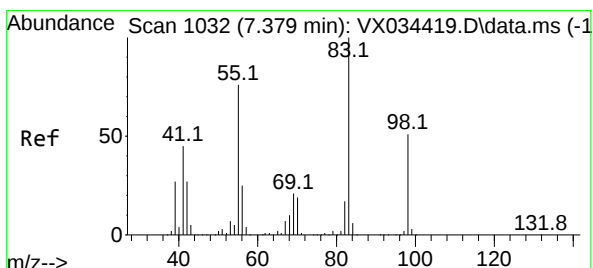
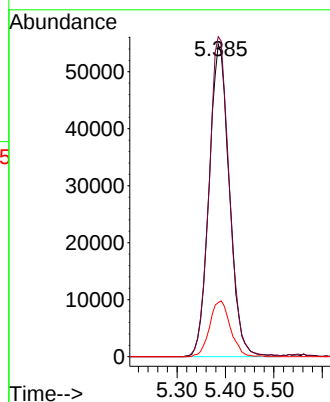
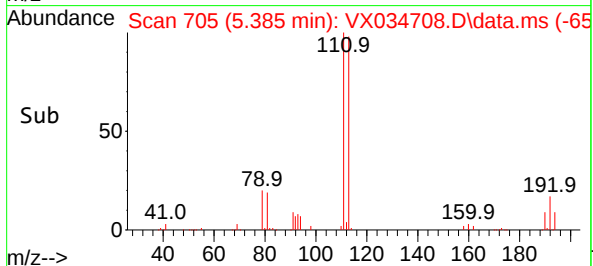
Tgt Ion:	113	Resp:	15951
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.7	125.5
192	18.2	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#39

Methylcyclohexane

Concen: 84.202 ug/l

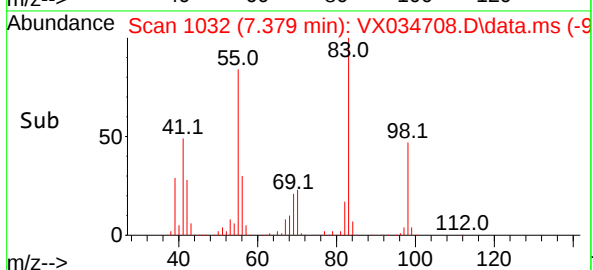
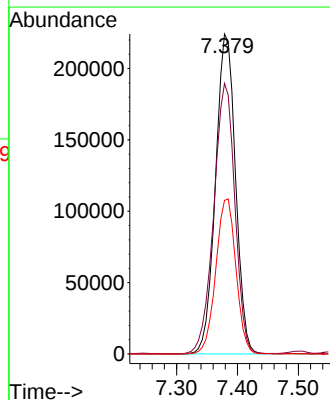
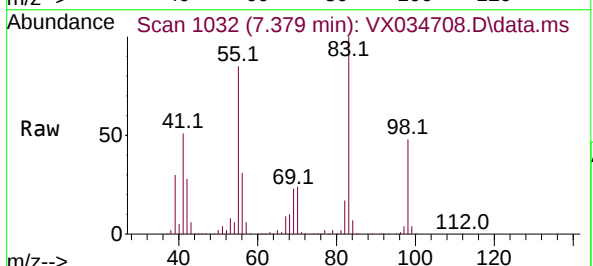
RT: 7.379 min Scan# 1032

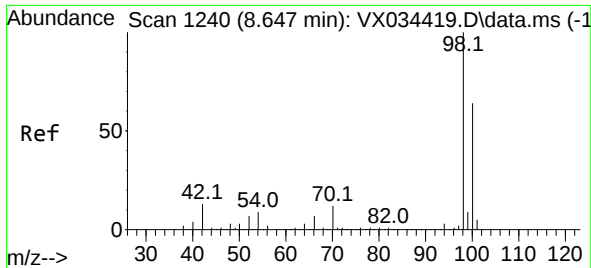
Delta R.T. -0.000 min

Lab File: VX034708.D

Acq: 23 Mar 2023 18:58

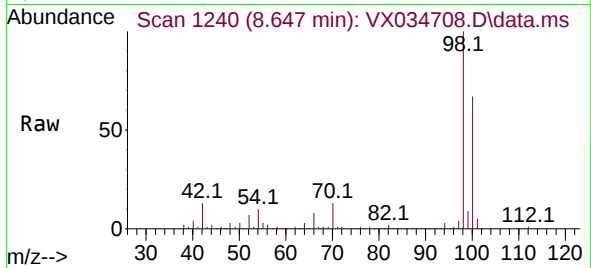
Tgt Ion:	83	Resp:	512033
Ion	Ratio	Lower	Upper
83	100		
55	84.5	60.5	90.7
98	48.0	40.4	60.6





#50
Toluene-d8
Concen: 48.867 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

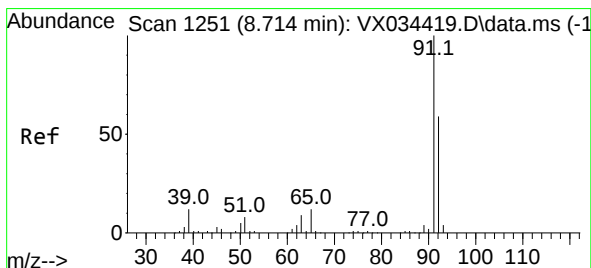
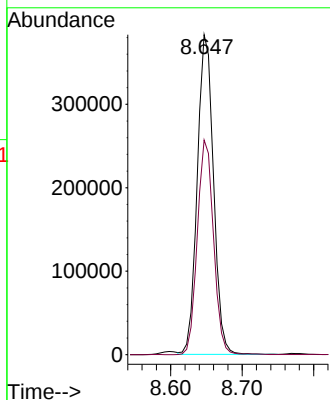
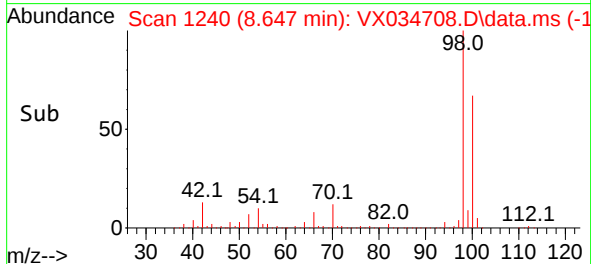
Instrument :
MSVOA_X
ClientSampleId :
MW-4B



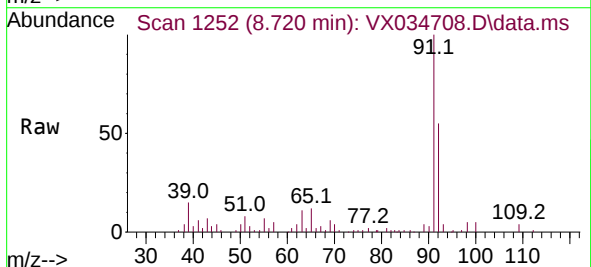
Tgt Ion: 98 Resp: 60351
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

Manual Integrations
APPROVED

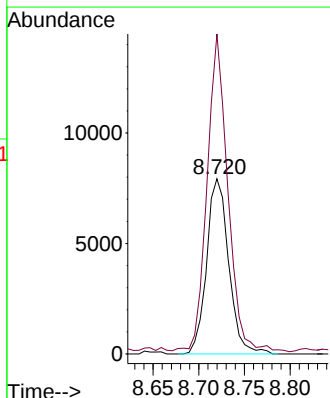
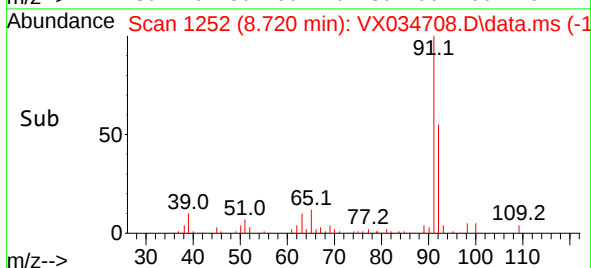
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023

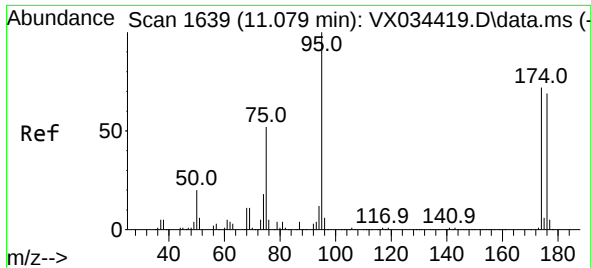


#52
Toluene
Concen: 1.447 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58



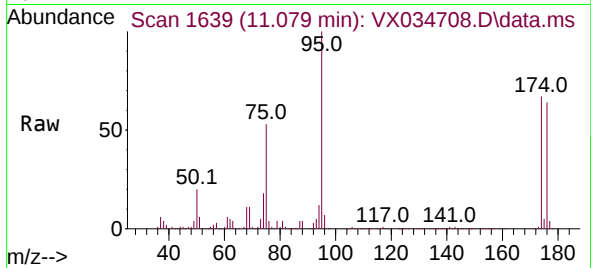
Tgt Ion: 92 Resp: 13313
Ion Ratio Lower Upper
92 100
91 170.2 136.8 205.2





#62
4-Bromofluorobenzene
Concen: 46.771 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

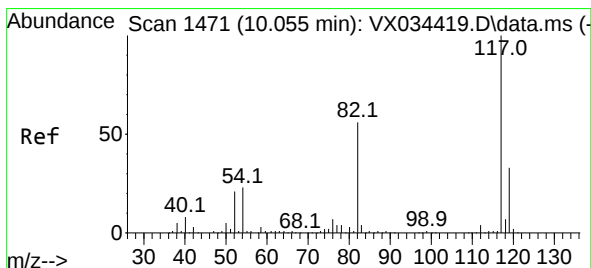
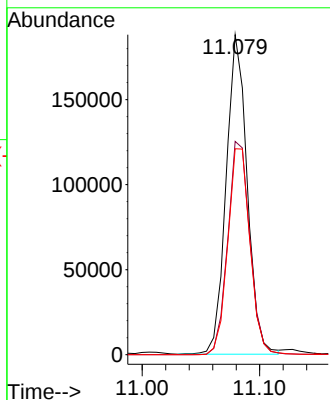
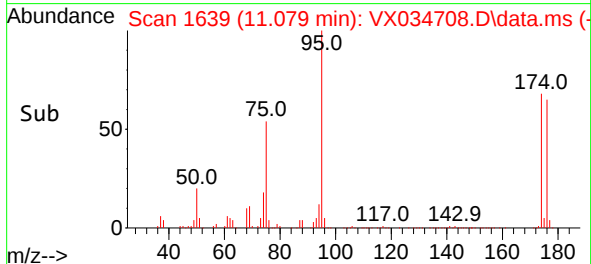
Instrument :
MSVOA_X
ClientSampleId :
MW-4B



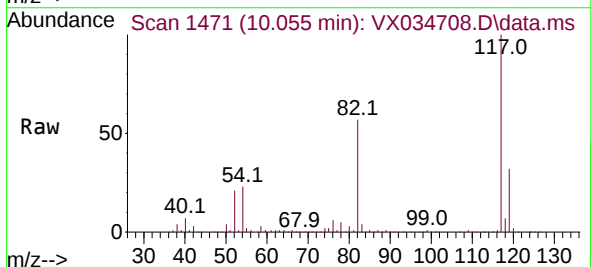
Tgt Ion: 95 Resp: 233319
Ion Ratio Lower Upper
95 100
174 70.5 0.0 147.4
176 68.5 0.0 140.6

Manual Integrations
APPROVED

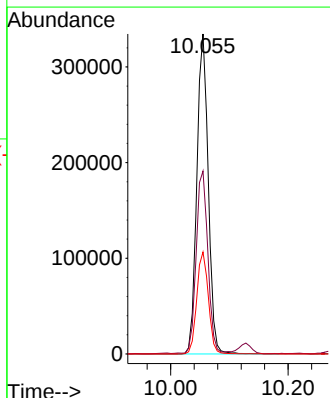
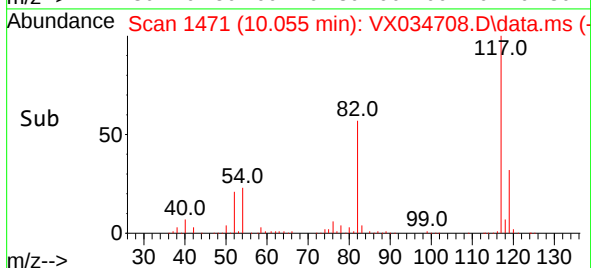
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023

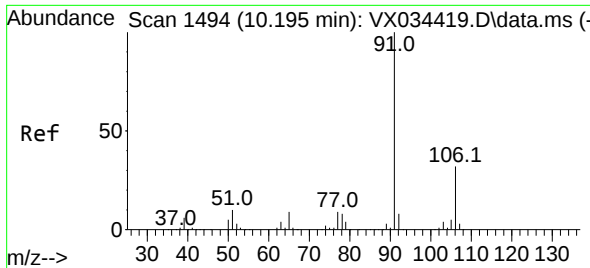


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58



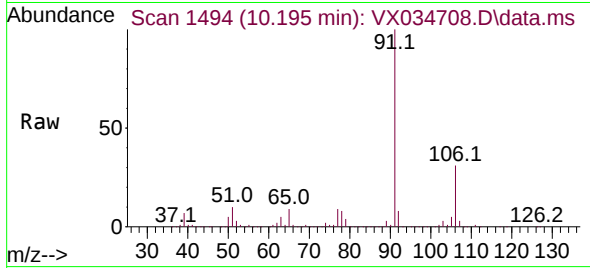
Tgt Ion:117 Resp: 450869
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 31.9 26.0 39.0





#67
Ethyl Benzene
Concen: 22.803 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

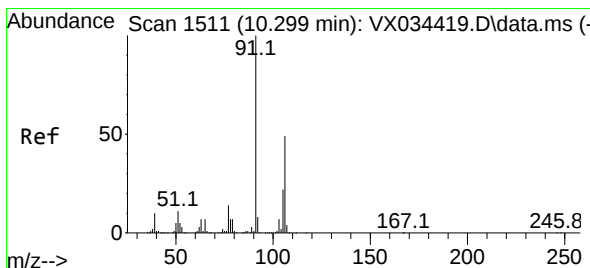
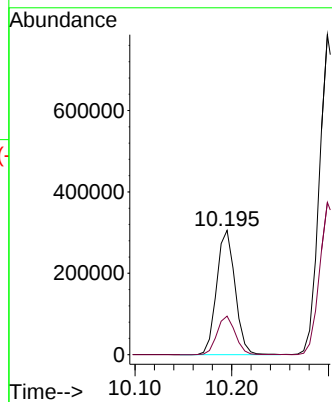
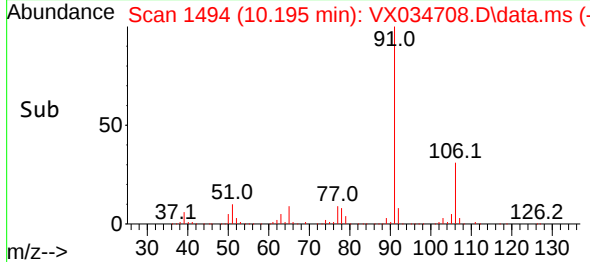
Instrument :
MSVOA_X
ClientSampleId :
MW-4B



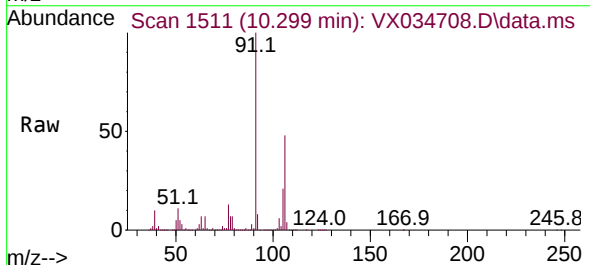
Tgt Ion: 91 Resp: 40383
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

Manual Integrations
APPROVED

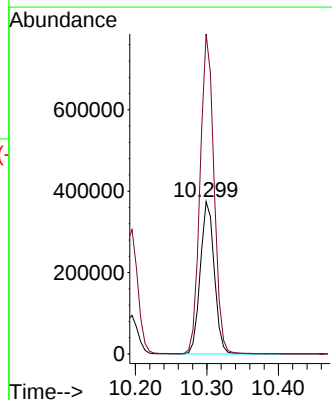
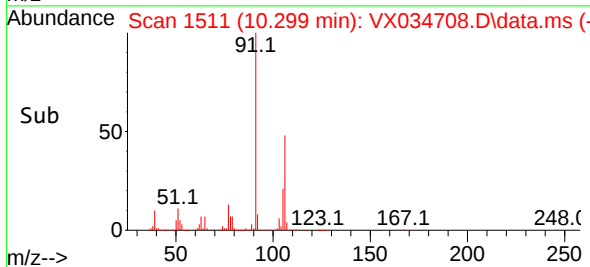
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023

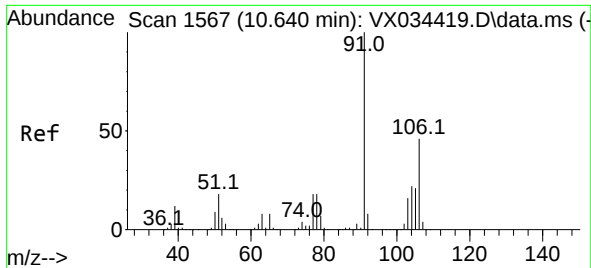


#68
m/p-Xylenes
Concen: 74.666 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58



Tgt Ion:106 Resp: 507959
Ion Ratio Lower Upper
106 100
91 208.5 164.0 246.0





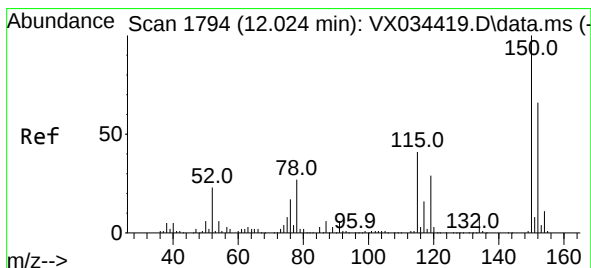
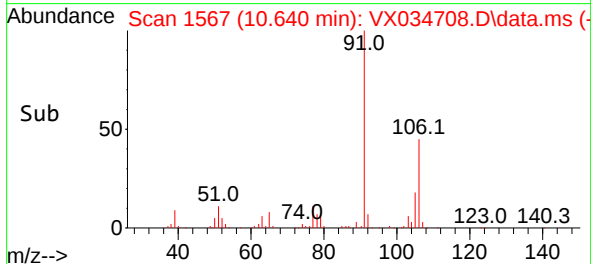
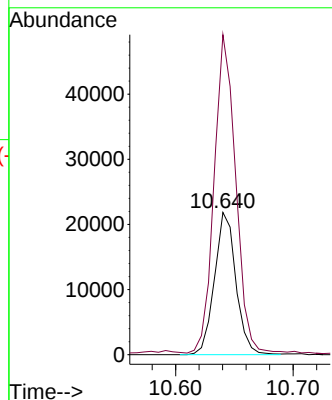
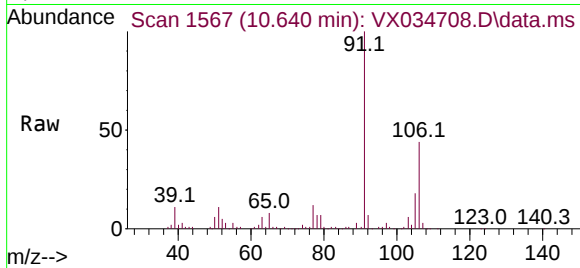
#69
o-Xylene
Concen: 4.055 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

Instrument :
MSVOA_X
ClientSampleId :
MW-4B

Tgt Ion:106 Resp: 27680
Ion Ratio Lower Upper
106 100
91 227.0 108.5 325.3

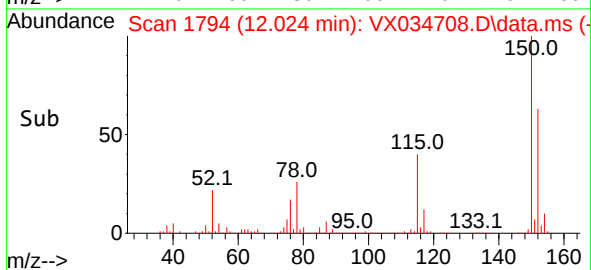
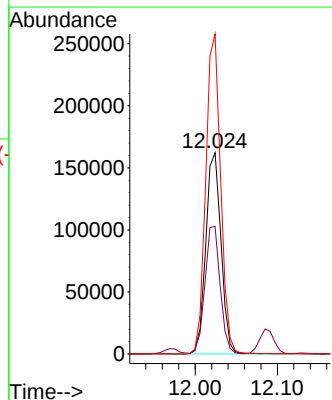
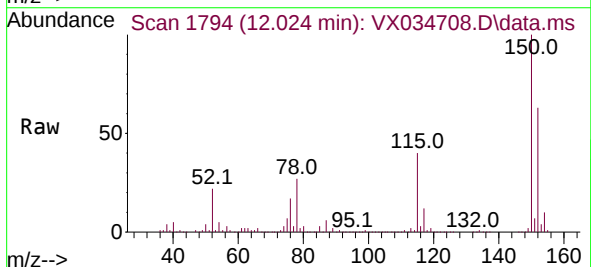
Manual Integrations
APPROVED

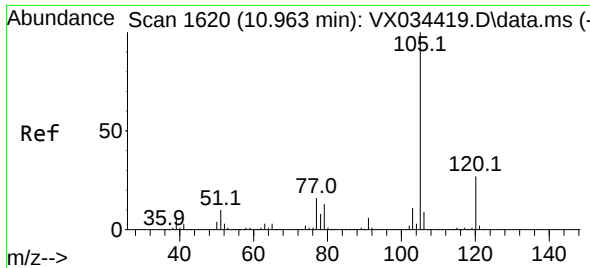
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

Tgt Ion:152 Resp: 208123
Ion Ratio Lower Upper
152 100
115 63.6 45.0 135.0
150 155.7 0.0 352.4





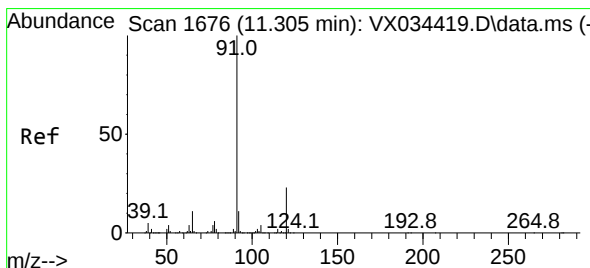
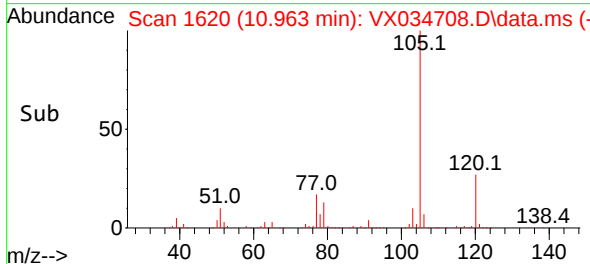
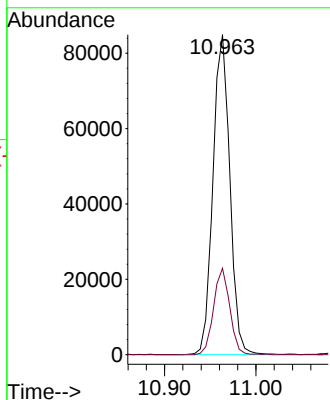
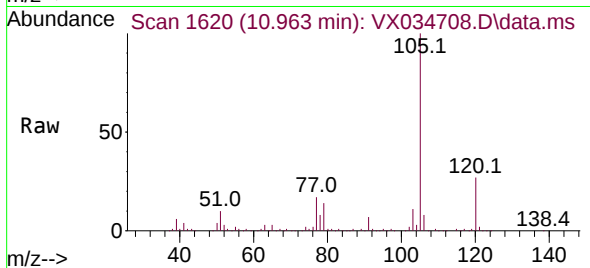
#73
Isopropylbenzene
Concen: 6.773 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

Instrument :
MSVOA_X
ClientSampleId :
MW-4B

Tgt Ion:105 Resp: 108940
Ion Ratio Lower Upper
105 100
120 25.8 13.3 39.9

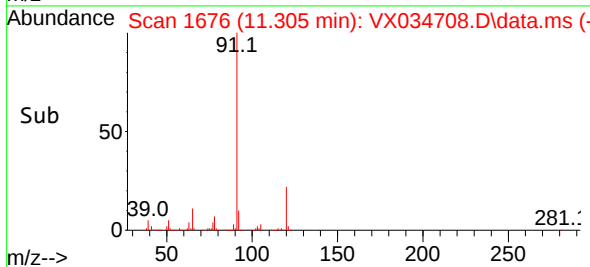
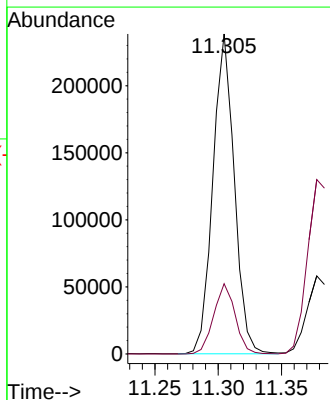
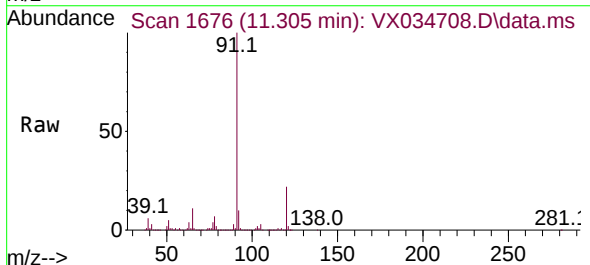
Manual Integrations
APPROVED

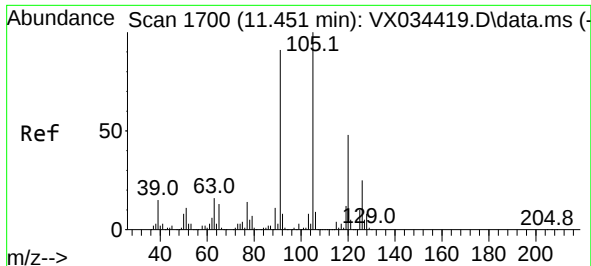
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#78
n-propylbenzene
Concen: 15.077 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

Tgt Ion: 91 Resp: 280078
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.5





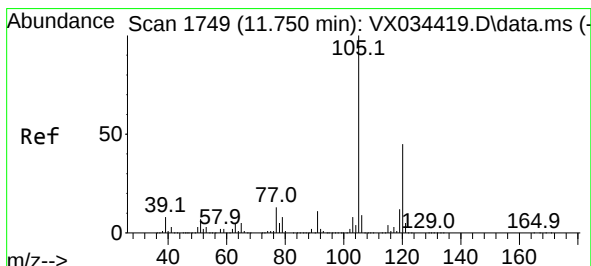
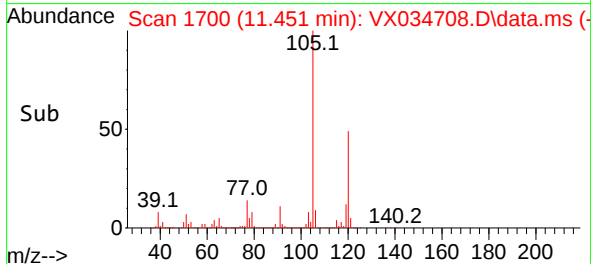
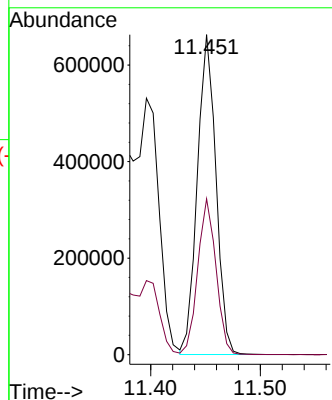
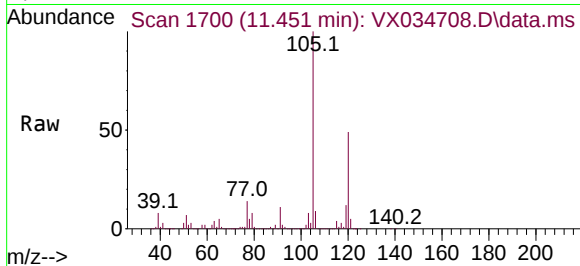
#80
1,3,5-Trimethylbenzene
Concen: 58.025 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

Instrument :
MSVOA_X
ClientSampleId :
MW-4B

Tgt Ion:105 Resp: 782869
Ion Ratio Lower Upper
105 100
120 47.7 23.7 71.1

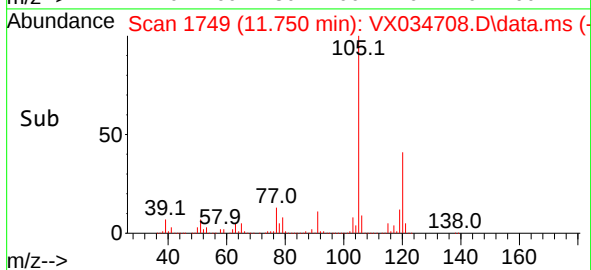
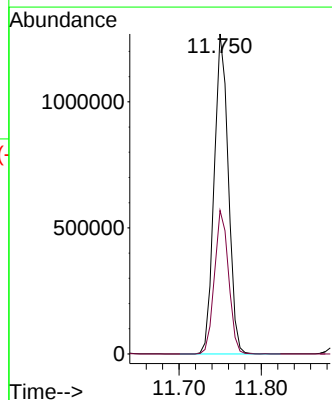
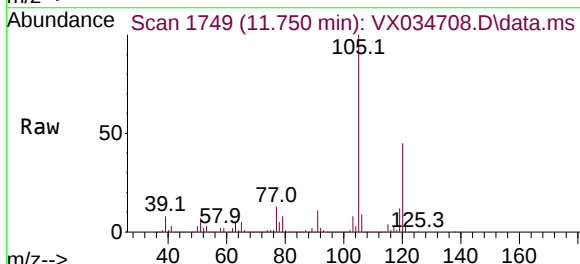
Manual Integrations
APPROVED

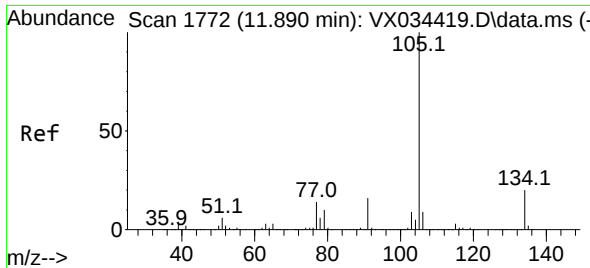
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#84
1,2,4-Trimethylbenzene
Concen: 110.112 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034708.D
Acq: 23 Mar 2023 18:58

Tgt Ion:105 Resp: 1518295
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0





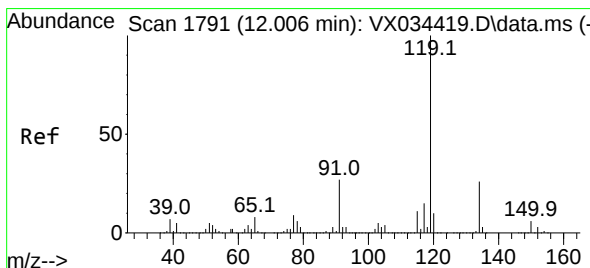
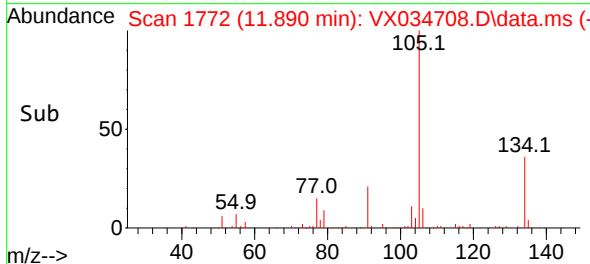
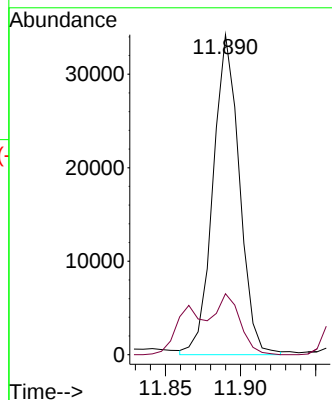
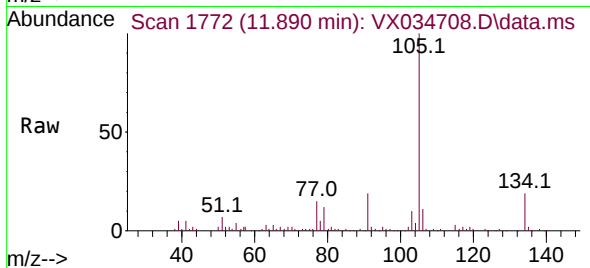
#85
 sec-Butylbenzene
 Concen: 2.513 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034708.D
 Acq: 23 Mar 2023 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4B

Tgt Ion:105 Resp: 4178
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

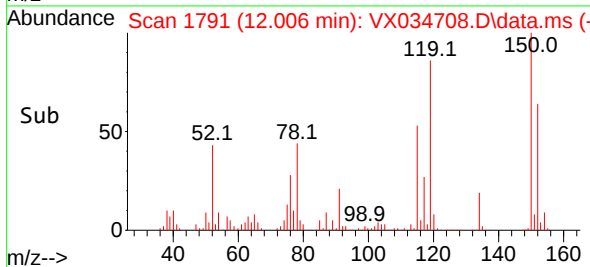
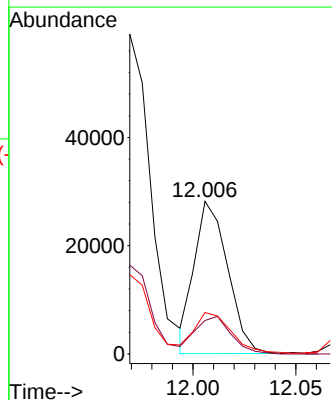
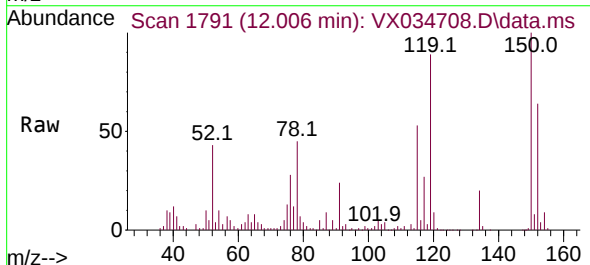
Manual Integrations
 APPROVED

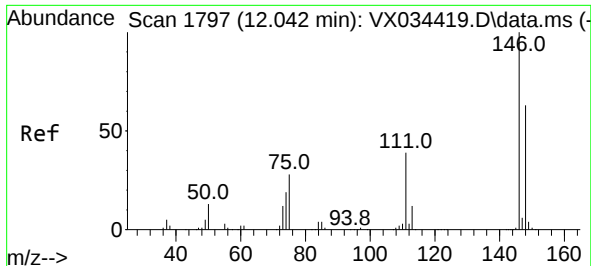
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023



#86
 p-Isopropyltoluene
 Concen: 2.270 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034708.D
 Acq: 23 Mar 2023 18:58

Tgt Ion:119 Resp: 31734
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 29.2 12.9 38.7





#88

1,4-Dichlorobenzene

Concen: 0.474 ug/l

RT: 12.036 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX034708.D

Acq: 23 Mar 2023 18:58

Instrument :

MSVOA_X

ClientSampleId :

MW-4B

Tgt Ion:146 Resp: 362

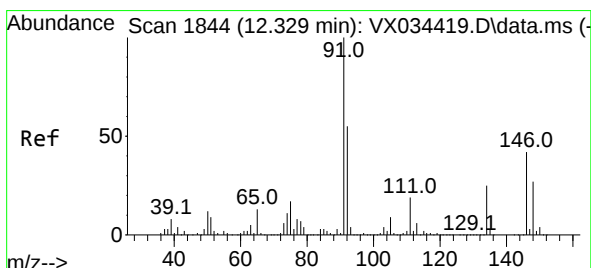
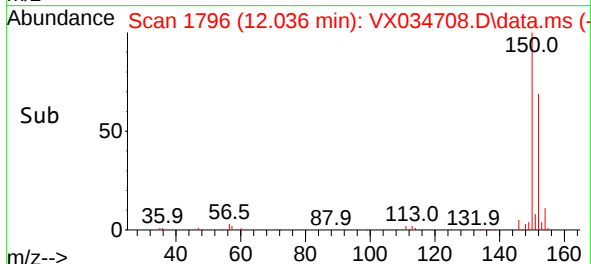
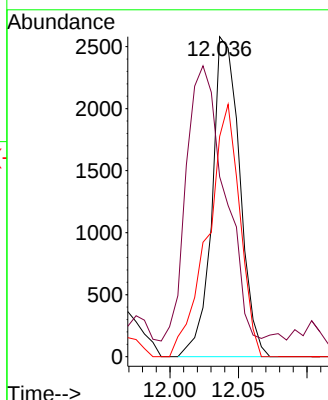
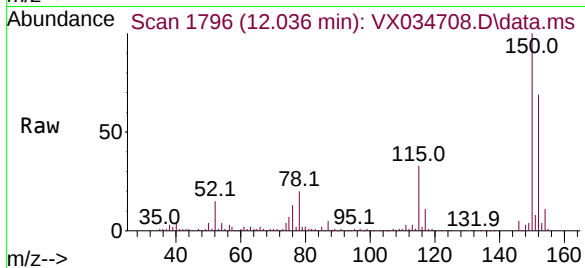
Ion	Ratio	Lower	Upper
146	100		
111	123.1	20.6	61.9
148	91.6	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#89

n-Butylbenzene

Concen: 3.394 ug/l m

RT: 12.323 min Scan# 1843

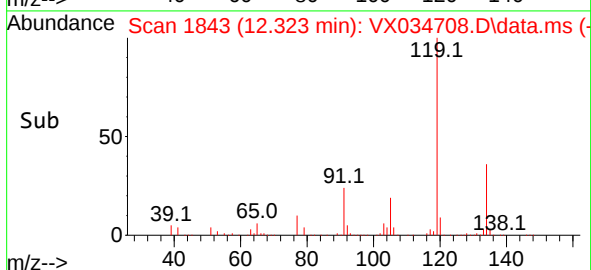
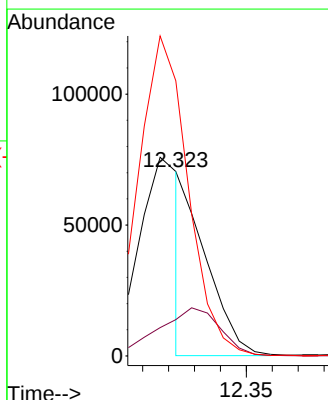
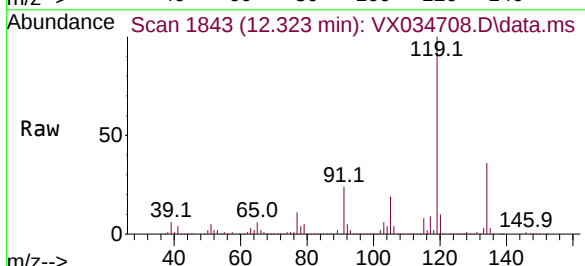
Delta R.T. -0.006 min

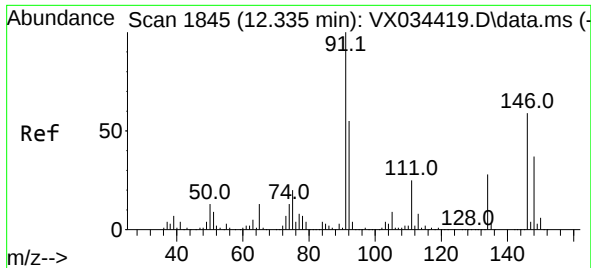
Lab File: VX034708.D

Acq: 23 Mar 2023 18:58

Tgt Ion: 91 Resp: 42175

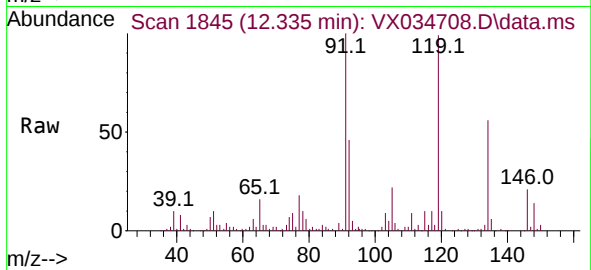
Ion	Ratio	Lower	Upper
91	100		
92	73.0	27.7	83.0
134	389.9	13.0	38.9





#91
 1,2-Dichlorobenzene
 Concen: 1.347 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX034708.D
 Acq: 23 Mar 2023 18:58

Instrument : MSVOA_X
 ClientSampleId : MW-4B



Tgt Ion:146 Resp: 9840

Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.0	66.0
148	65.3	32.0	96.0

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

