

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111324\
 Data File : VX043840.D
 Acq On : 13 Nov 2024 17:48
 Operator : JC/MD
 Sample : P4785-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E27N7

Quant Time: Nov 14 04:30:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 02:04:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/18/2024

Supervised By :Mahesh
 Dadoda
 11/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.775	114	270714	50.000	ug/L	0.02
28) Chlorobenzene-d5	10.055	117	230402	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119275	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	80216	55.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 111.240%	
7) Chloroethane-d5	1.642	69	53042m	85.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 171.120%#	
11) 1,1-Dichloroethene-d2	2.300	65	35409	53.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.380%	
21) 2-Butanone-d5	4.477	46	71670	75.899	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	= 75.900%	
24) Chloroform-d	5.050	84	140206	45.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 90.200%	
26) 1,2-Dichloroethane-d4	5.952	65	93390	47.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 94.560%	
32) Benzene-d6	5.976	84	290383	48.748	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.500%	
36) 1,2-Dichloropropane-d6	7.354	67	59604	32.889	ug/L	0.05
Spiked Amount	50.000	Range	70 - 120	Recovery	= 65.780%#	
41) Toluene-d8	8.653	98	238597	44.093	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 88.180%	
43) trans-1,3-Dichloroprop...	8.952	79	40921	47.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 94.420%	
47) 2-Hexanone-d5	9.384	63	58894	82.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 82.110%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	106695	45.885	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 91.780%	
66) 1,2-Dichlorobenzene-d4	12.317	152	104836	50.729	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.460%	

Target Compounds

						Qvalue
5) Vinyl chloride	1.374	62	202997	111.843	ug/L	97
8) Chloroethane	1.660	64	1333	2.087	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	14510	9.173	ug/L	97
12) 1,1-Dichloroethene	2.312	96	175351	121.427	ug/L #	70
16) Methylene chloride	2.788	84	2704	1.550	ug/L	88
17) trans-1,2-Dichloroethene	3.081	96	91620	58.973	ug/L	89
19) 1,1-Dichloroethane	3.605	63	378361	123.676	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	5025960	2604.604	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	460806	165.098	ug/L	97
34) Trichloroethene	7.177	95	64621651m	36601.038	ug/L	
40) 4-Methyl-2-pentanone	8.580	43	10581	4.444	ug/L #	96
42) Toluene	8.720	91	153715	22.253	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	12149	6.773	ug/L	91
46) Tetrachloroethene	9.275	164	102145	80.375	ug/L	94
53) m,p-Xylene	10.305	106	3903	1.347	ug/L	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111324\
Data File : VX043840.D
Acq On : 13 Nov 2024 17:48
Operator : JC/MD
Sample : P4785-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

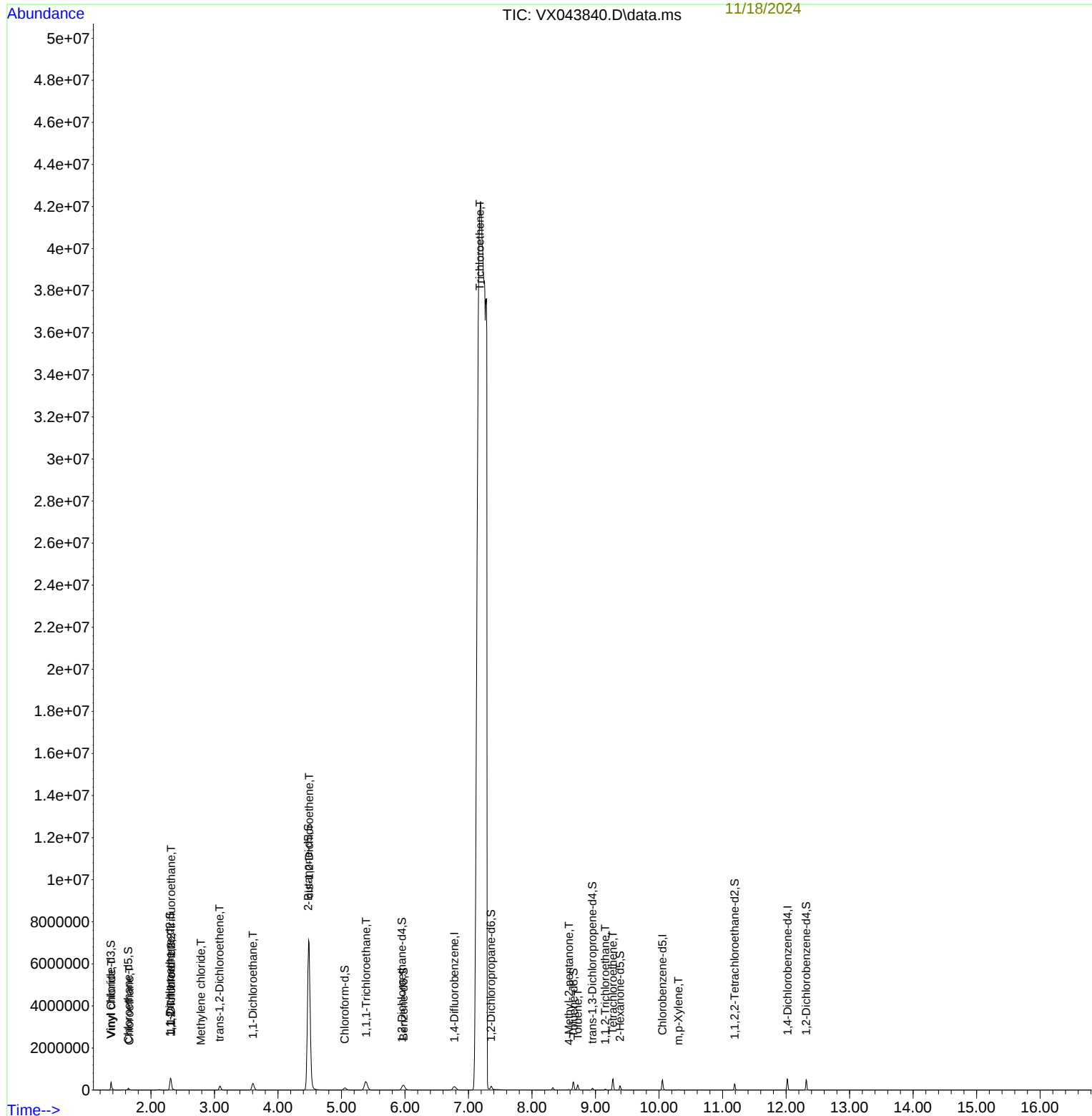
Instrument :
MSVOA_X
ClientSampleId :
E27N7

Quant Time: Nov 14 04:30:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 13 02:04:29 2024
Response via : Initial Calibration

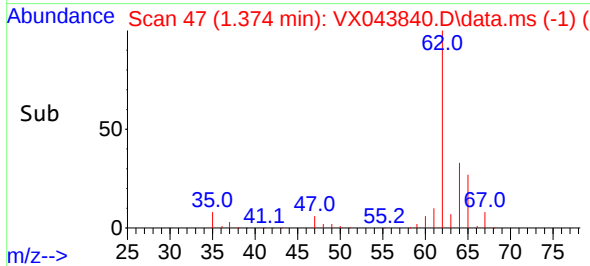
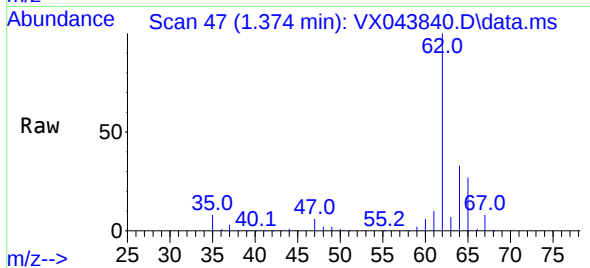
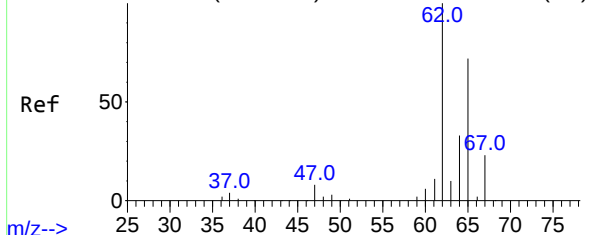
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/18/2024

Supervised By :Mahesh
Dadoda
11/18/2024



Abundance Scan 47 (1.374 min): VX043828.D\data.ms (-43)



#5
Vinyl chloride
Concen: 111.843 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

Tgt Ion: 62 Resp: 20299
Ion Ratio Lower Upper
62 100
64 32.8 24.0 44.6

Instrument :

MSVOA_X

ClientSampleId :

E27N7

Manual Integrations

APPROVED

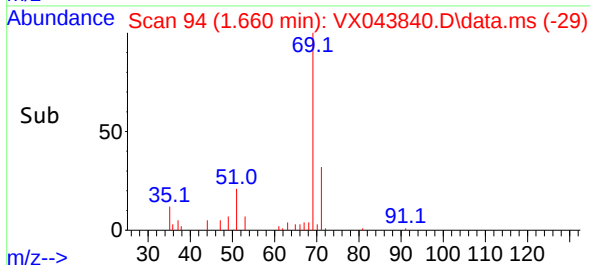
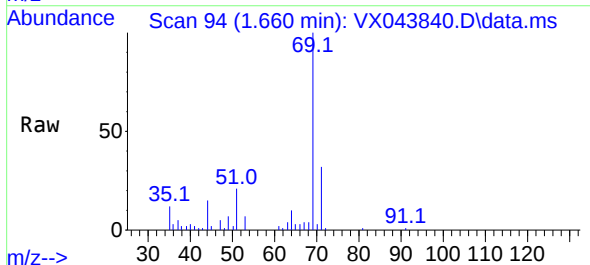
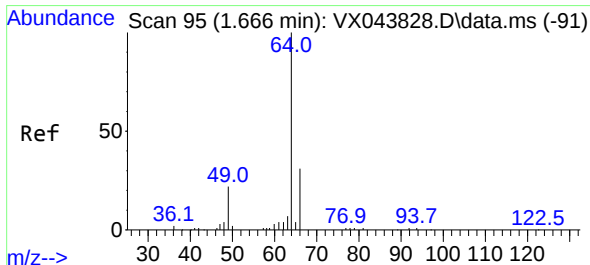
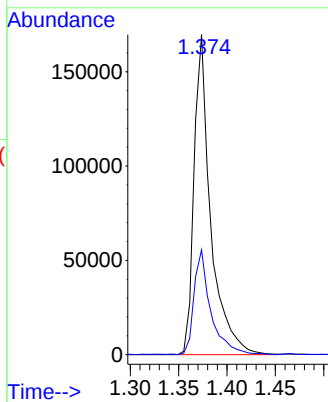
Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/18/2024

Supervised By :Mahesh

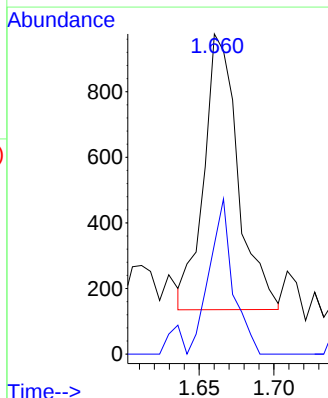
Dadoda

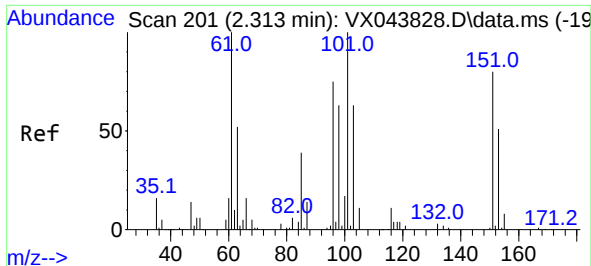
11/18/2024



#8
Chloroethane
Concen: 2.087 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

Tgt Ion: 64 Resp: 1333
Ion Ratio Lower Upper
64 100
66 34.2 23.2 43.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.173 ug/L
RT: 2.319 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

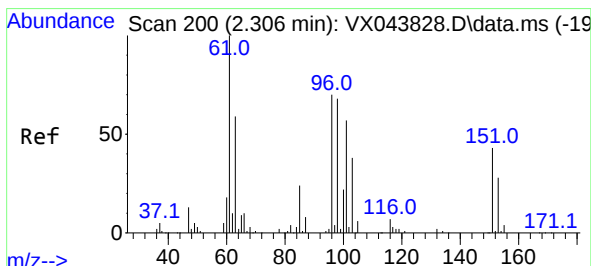
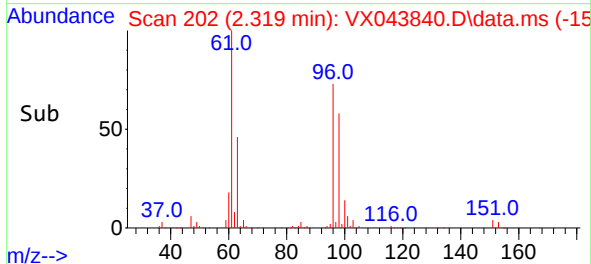
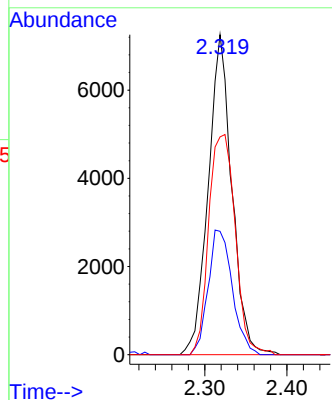
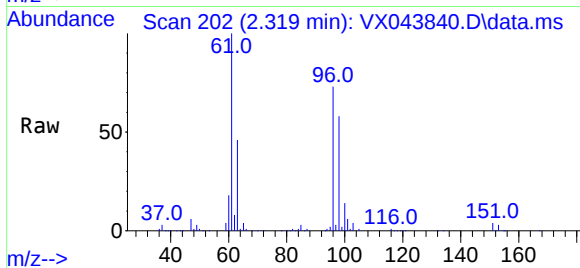
Instrument :
MSVOA_X
ClientSampleId :
E27N7

Tgt Ion:101 Resp: 14510
Ion Ratio Lower Upper
101 100
85 39.8 34.0 51.0
151 77.0 60.2 90.4

Manual Integrations
APPROVED

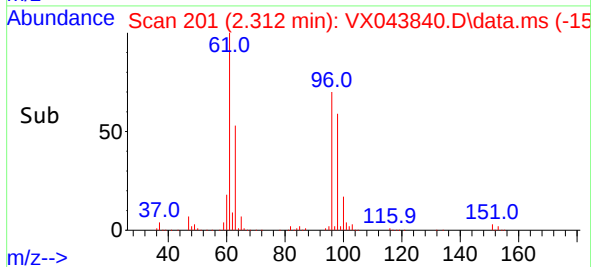
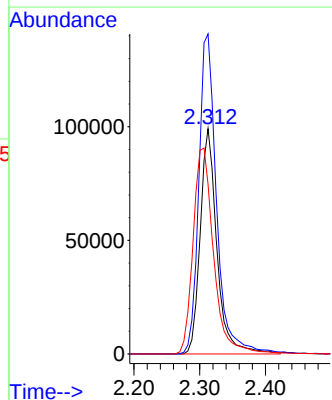
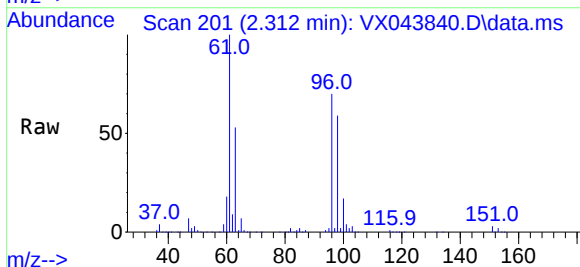
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/18/2024

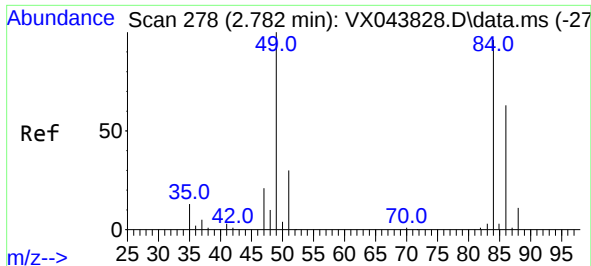
Supervised By :Mahesh
Dadoda
11/18/2024



#12
1,1-Dichloroethene
Concen: 121.427 ug/L
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

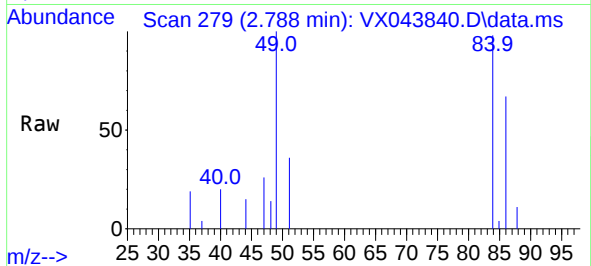
Tgt Ion: 96 Resp: 175351
Ion Ratio Lower Upper
96 100
61 142.1 119.7 222.3
63 75.4 86.5 160.6





#16
Methylene chloride
Concen: 1.550 ug/L
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

Instrument :
MSVOA_X
ClientSampleId :
E27N7

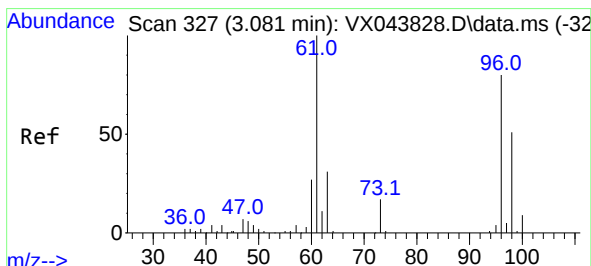
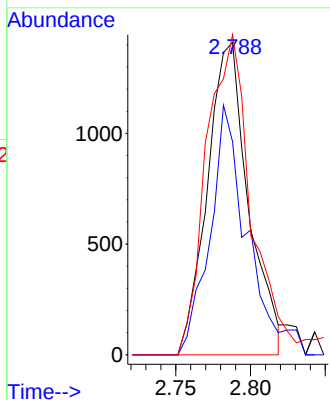


Tgt Ion: 84 Resp: 2704
Ion Ratio Lower Upper
84 100
86 68.1 44.7 83.1
49 102.4 83.2 154.4

Manual Integrations
APPROVED

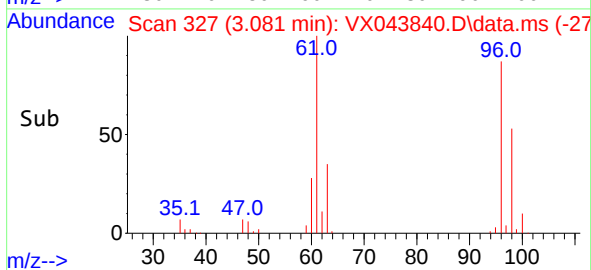
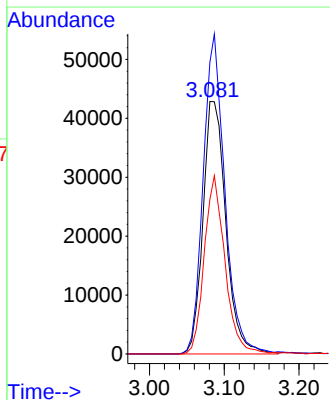
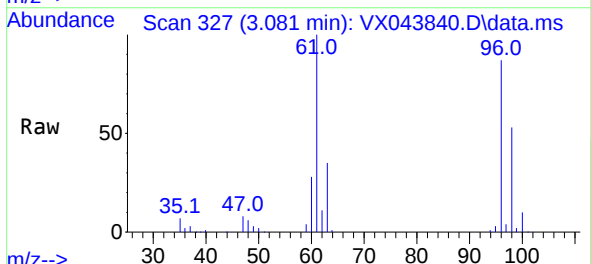
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/18/2024

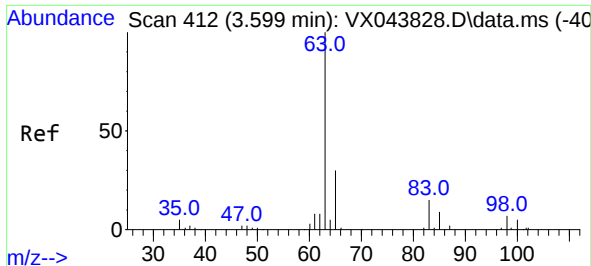
Supervised By :Mahesh
Dadoda
11/18/2024



#17
trans-1,2-Dichloroethene
Concen: 58.973 ug/L
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

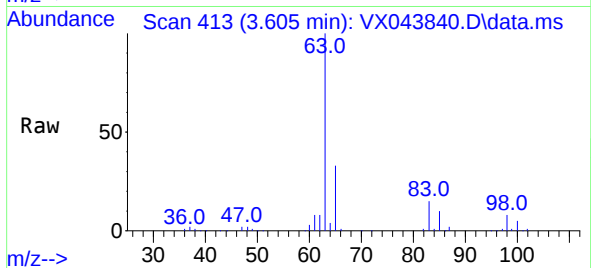
Tgt Ion: 96 Resp: 91620
Ion Ratio Lower Upper
96 100
61 115.5 93.4 173.6
98 61.2 44.1 81.9





#19
1,1-Dichloroethane
Concen: 123.676 ug/L
RT: 3.605 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

Instrument :
MSVOA_X
ClientSampleId :
E27N7

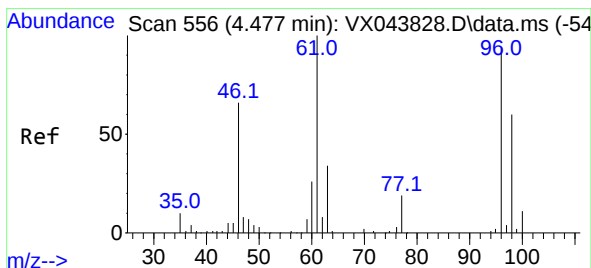
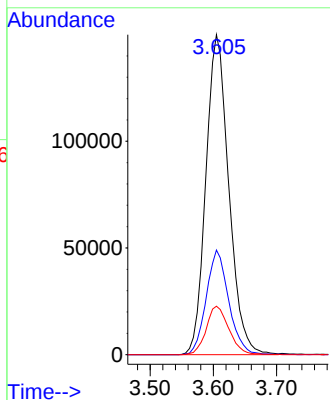
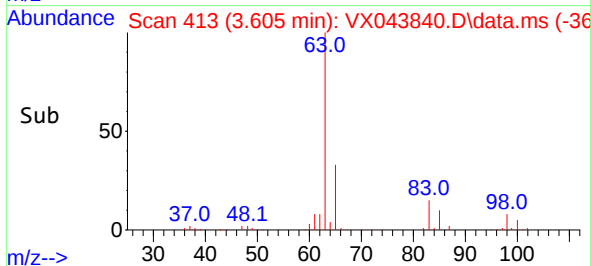


Tgt Ion: 63 Resp: 37836
Ion Ratio Lower Upper
63 100
65 32.7 23.2 43.2
83 15.2 9.4 17.4

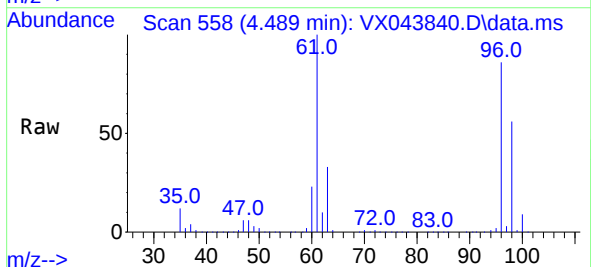
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/18/2024

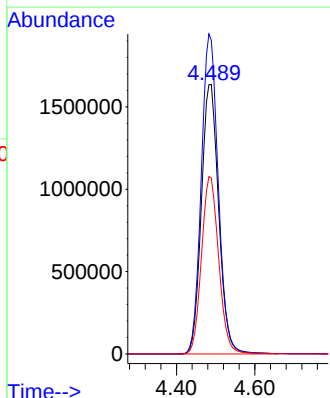
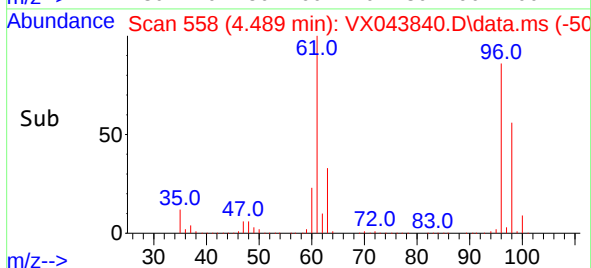
Supervised By :Mahesh
Dadoda
11/18/2024

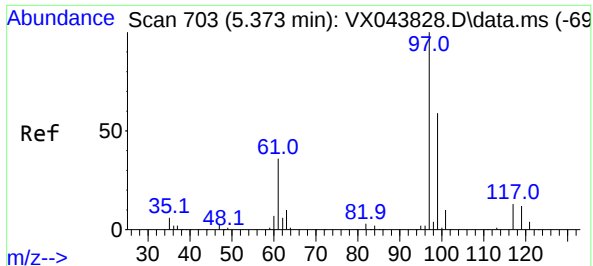


#20
cis-1,2-Dichloroethene
Concen: 2604.604 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48



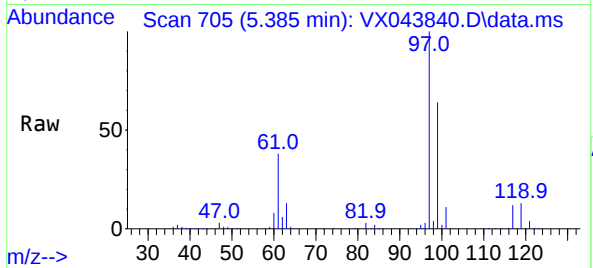
Tgt Ion: 96 Resp: 5025960
Ion Ratio Lower Upper
96 100
61 116.4 85.2 158.2
98 65.2 44.6 82.8





#30
1,1,1-Trichloroethane
Concen: 165.098 ug/L
RT: 5.385 min Scan# 703
Delta R.T. 0.012 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

Instrument :
MSVOA_X
ClientSampleId :
E27N7

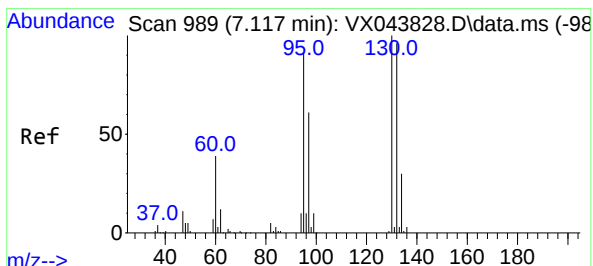
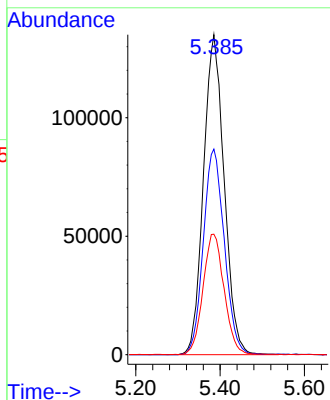
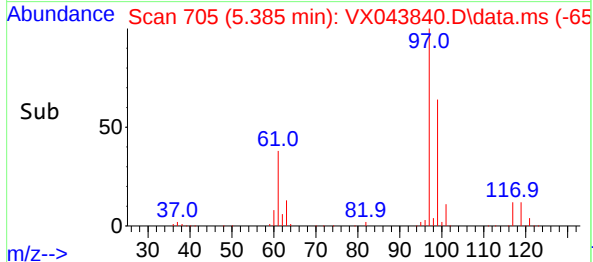


Tgt Ion: 97 Resp: 460800
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.6
61 38.5 32.6 49.0

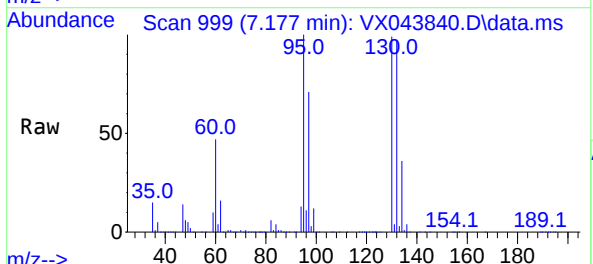
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/18/2024

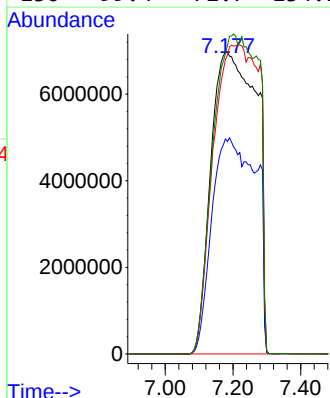
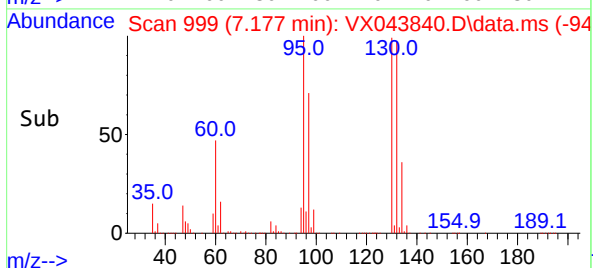
Supervised By :Mahesh
Dadoda
11/18/2024

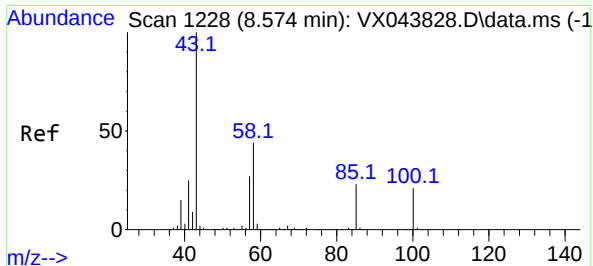


#34
Trichloroethene
Concen: 36601.038 ug/L m
RT: 7.177 min Scan# 999
Delta R.T. 0.061 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48



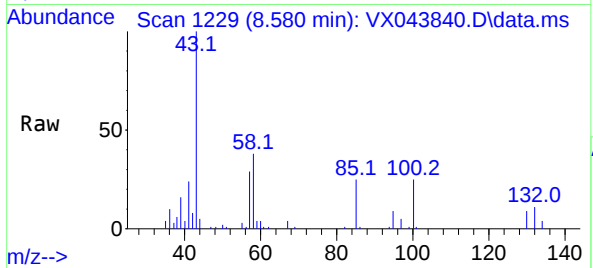
Tgt Ion: 95 Resp:64621651
Ion Ratio Lower Upper
95 100
97 71.2 45.4 84.2
132 97.4 69.7 129.5
130 99.4 72.7 134.9





#40
4-Methyl-2-pentanone
Concen: 4.444 ug/L
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

Instrument :
MSVOA_X
ClientSampleId :
E27N7

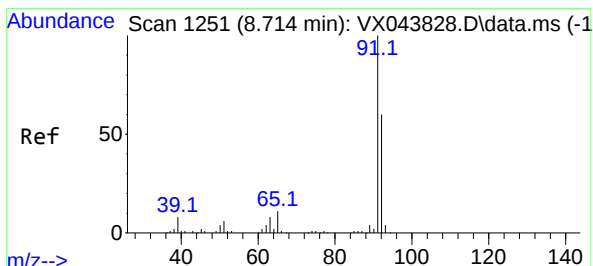
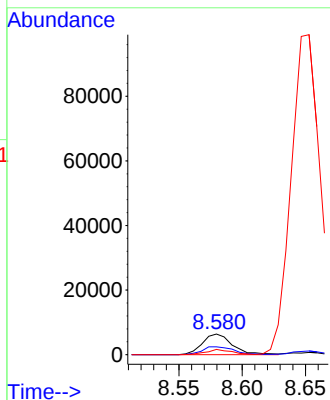
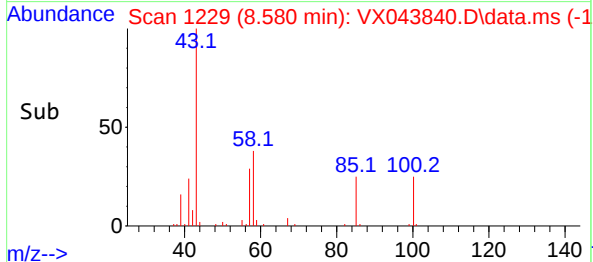


Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
58 40.7 31.6 47.4
100 21.7 13.8 20.6

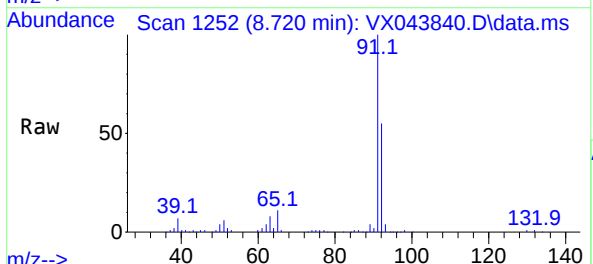
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/18/2024

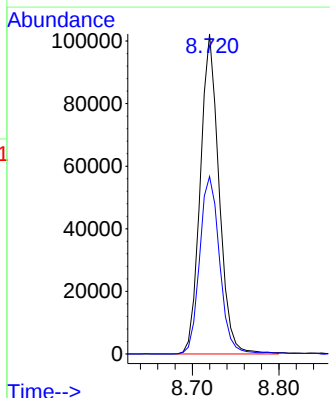
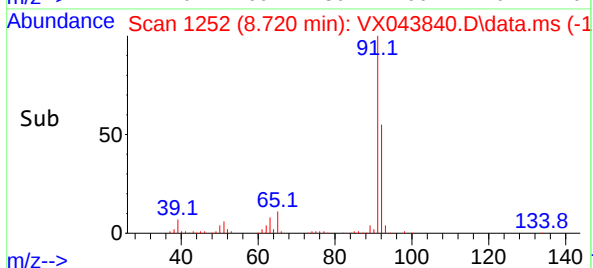
Supervised By :Mahesh
Dadoda
11/18/2024

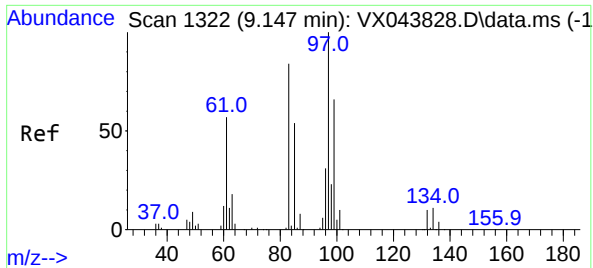


#42
Toluene
Concen: 22.253 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48



Tgt Ion: 91 Resp: 153715
Ion Ratio Lower Upper
91 100
92 55.5 41.6 77.3





#45
1,1,2-Trichloroethane
Concen: 6.773 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

Instrument :
MSVOA_X
ClientSampleId :
E27N7

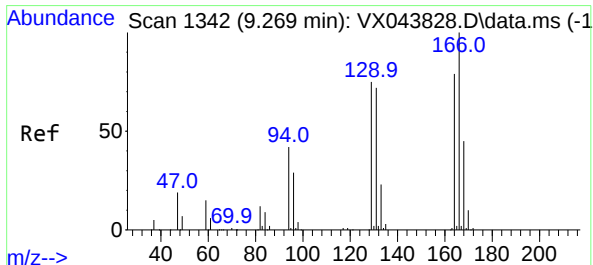
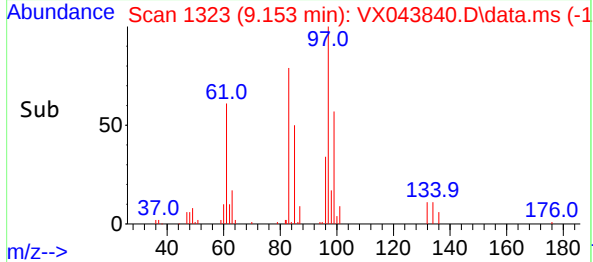
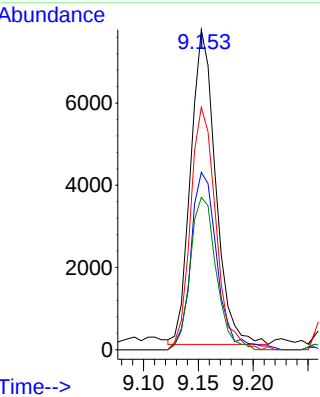
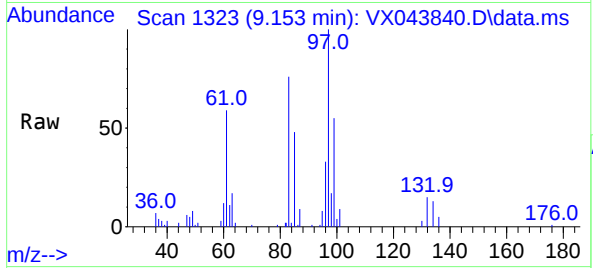
Tgt Ion: 97 Resp: 12149

Ion	Ratio	Lower	Upper
97	100		
99	55.4	42.8	79.4
83	75.8	58.4	108.4
85	47.6	38.2	71.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/18/2024

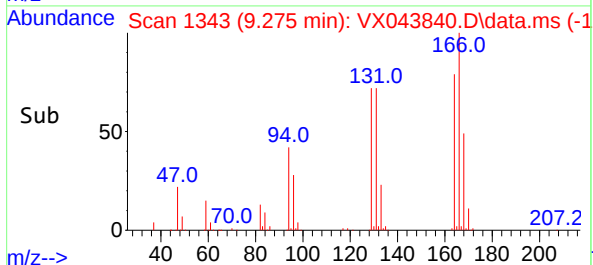
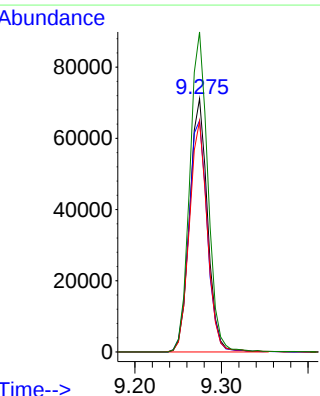
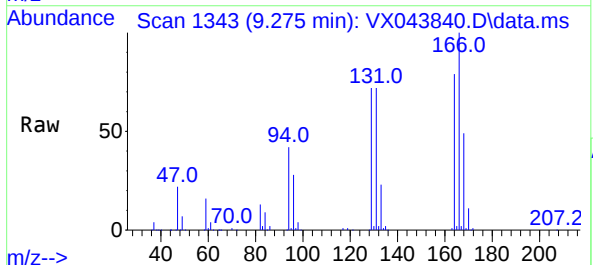
Supervised By :Mahesh
Dadoda
11/18/2024

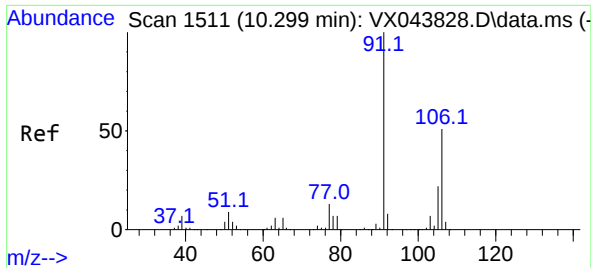


#46
Tetrachloroethene
Concen: 80.375 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

Tgt Ion:164 Resp: 102145

Ion	Ratio	Lower	Upper
164	100		
129	91.3	72.2	134.2
131	91.2	69.0	128.2
166	126.3	87.9	163.3





#53
m,p-Xylene
Concen: 1.347 ug/L
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043840.D
Acq: 13 Nov 2024 17:48

Instrument :
MSVOA_X
ClientSampleId :
E27N7

Tgt Ion:106 Resp: 390
Ion Ratio Lower Upper
106 100
91 212.8 140.6 261.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/18/2024

