

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051955.D
 Acq On : 19 Nov 2022 15:14
 Operator : JC/MD
 Sample : N5693-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN93

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 21:44:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	228789	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90728	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.600	65	104530	4.697	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.912	69	83725	4.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.565	65	37541	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.620	46	208682	51.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.460%
24) Chloroform-d	5.063	84	158337	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.700	65	82319	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.726	84	337556	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	108620	5.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.896	98	276653	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.179	79	36190	4.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.629	63	168757	50.984	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.960%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	89591	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	90772	5.226	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%

Target Compounds

						Qvalue
5) Vinyl chloride	1.604	62	30537	1.227	ug/L	86
12) 1,1-Dichloroethene	2.581	96	19302	1.163	ug/L #	19
13) Acetone	2.620	43	245791	89.729	ug/L	100
16) Methylene chloride	3.044	84	58870	2.622	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	120620	6.780	ug/L	99
19) 1,1-Dichloroethane	3.870	63	34390	1.073	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	11050482	591.830	ug/L	96
25) Chloroform	5.089	83	24633	0.758	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	222798	8.608	ug/L	99
31) Carbon tetrachloride	5.523	117	7419	0.337	ug/L	98
33) Benzene	5.774	78	14465	0.191	ug/L	100
34) Trichloroethene	6.536	95	27155083m	1434.020	ug/L	
45) 1,1,2-Trichloroethane	8.401	97	3311	0.224	ug/L	99
47) Tetrachloroethene	8.552	164	627720	43.253	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	3750	0.134	ug/L #	92

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

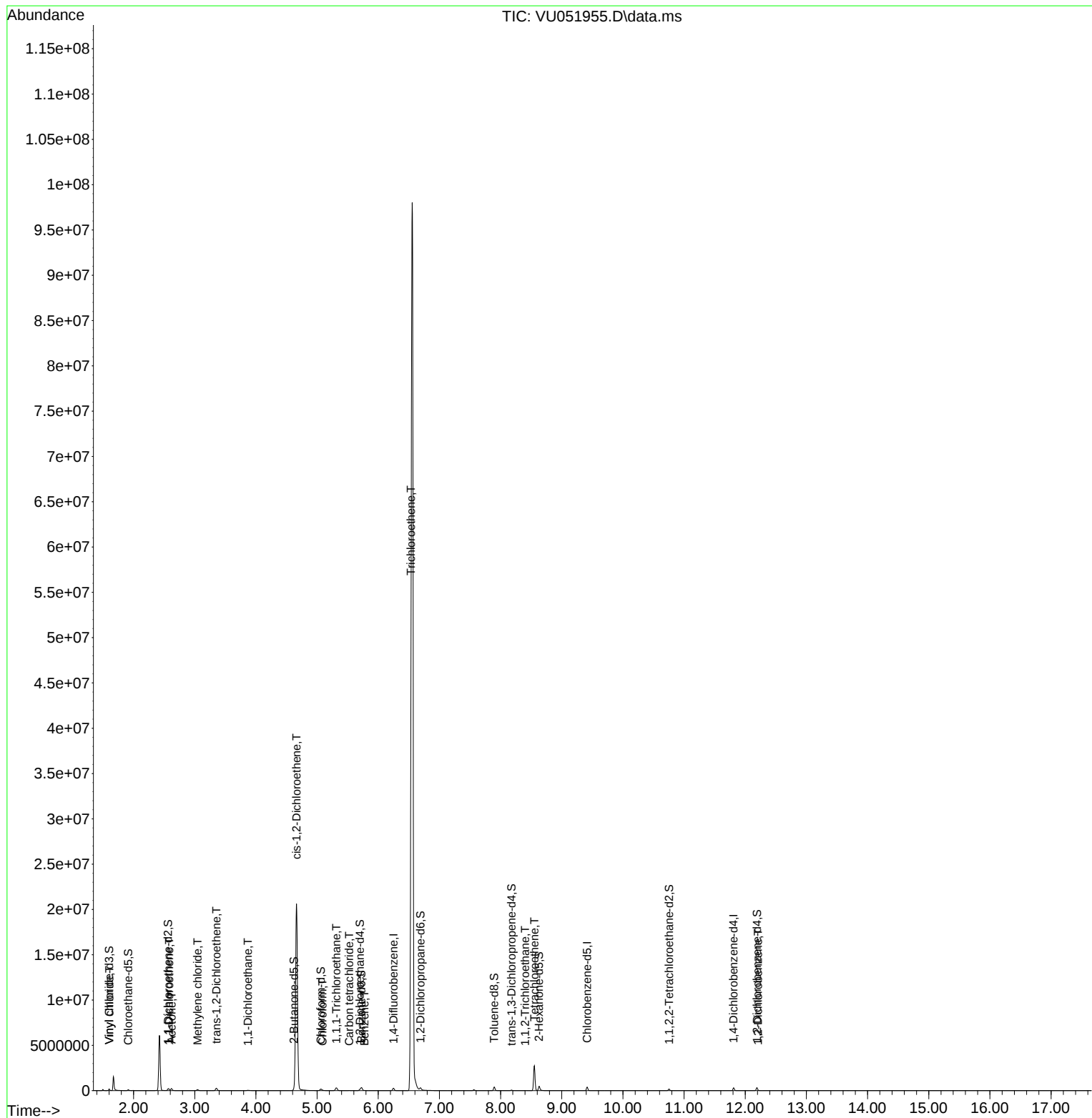
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
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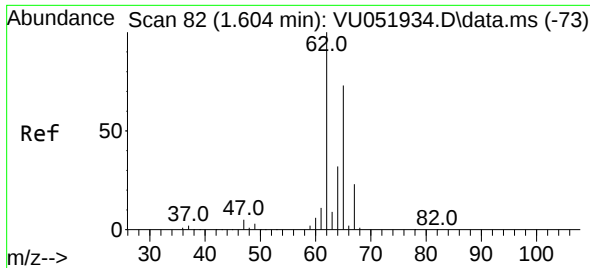
Instrument :
MSVOA_U
ClientSampleId :
GBN93

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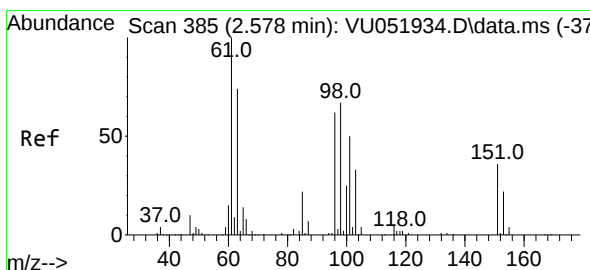
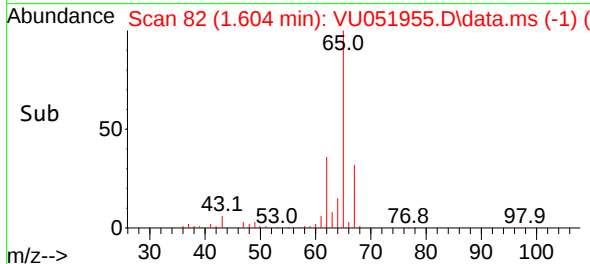
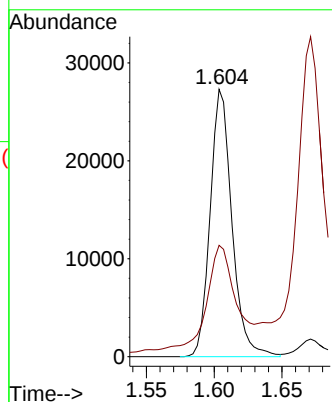
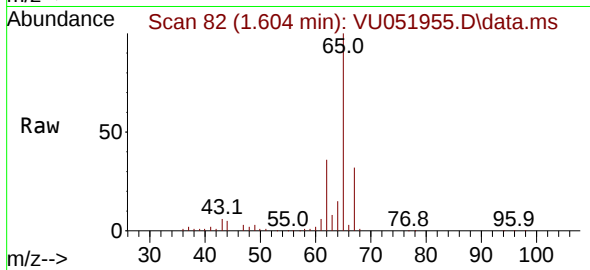
#5
 Vinyl chloride
 Concen: 1.227 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051955.D
 Acq: 19 Nov 2022 15:14

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN93

Tgt Ion: 62 Resp: 3053
 Ion Ratio Lower Upper
 62 100
 64 41.7 23.5 43.7

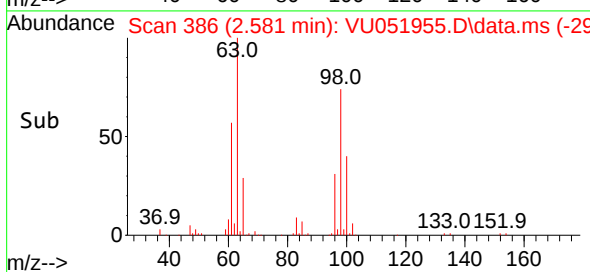
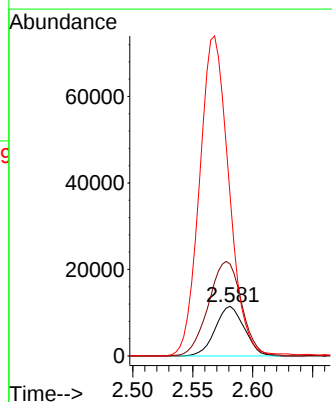
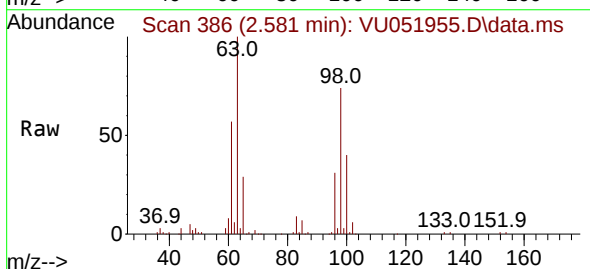
Manual Integrations
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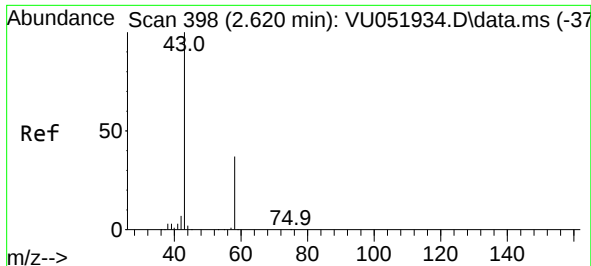
Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#12
 1,1-Dichloroethene
 Concen: 1.163 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051955.D
 Acq: 19 Nov 2022 15:14

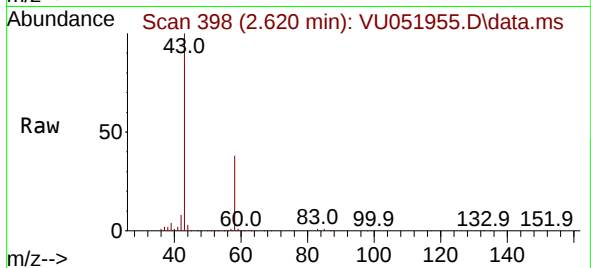
Tgt Ion: 96 Resp: 19302
 Ion Ratio Lower Upper
 96 100
 61 185.4 114.8 213.2
 63 323.2 93.7 174.1#





#13
Acetone
Concen: 89.729 ug/L
RT: 2.620 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU051955.D
Acq: 19 Nov 2022 15:14

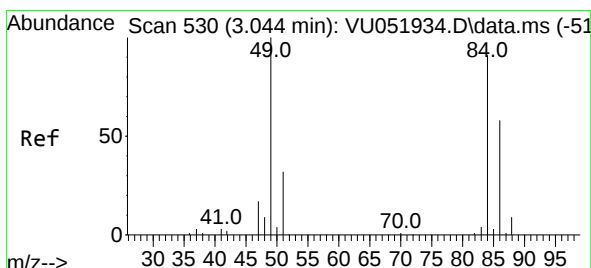
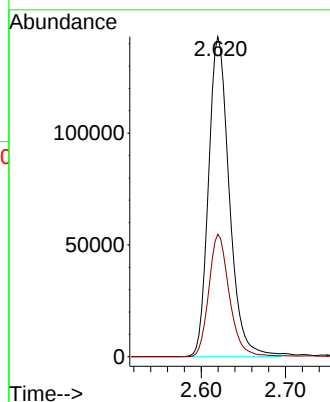
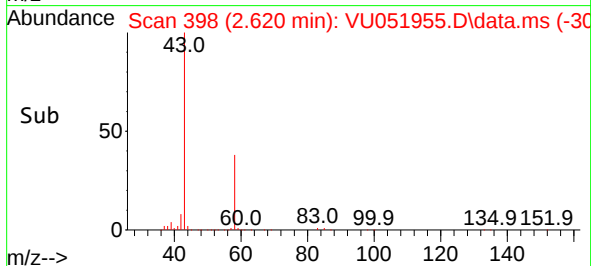
Instrument :
MSVOA_U
ClientSampleId :
GBN93



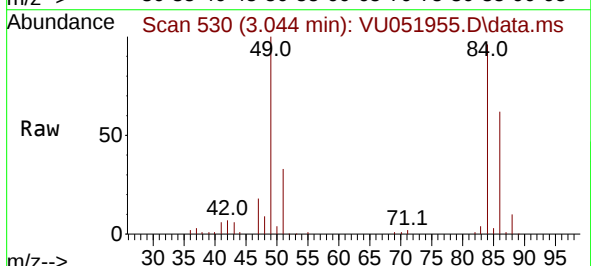
Tgt Ion: 43 Resp: 24579
Ion Ratio Lower Upper
43 100
58 37.8 0.0 76.0

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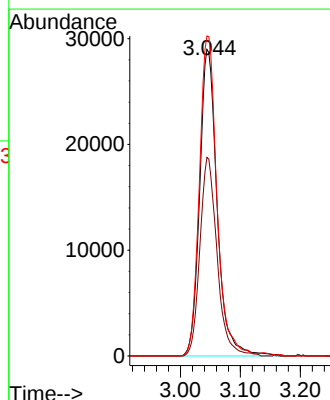
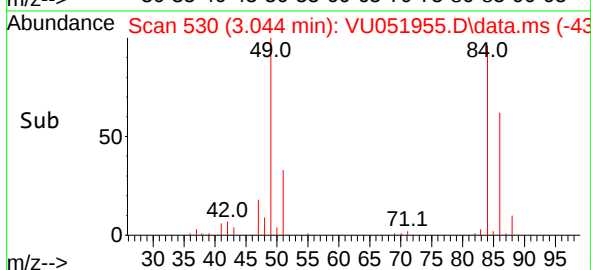
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

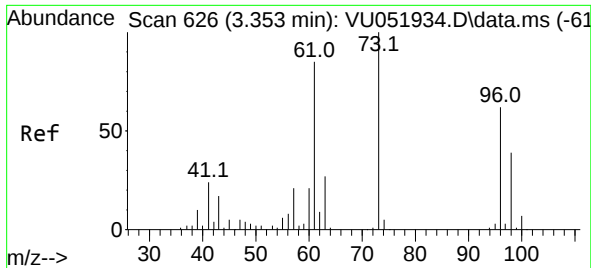


#16
Methylene chloride
Concen: 2.622 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051955.D
Acq: 19 Nov 2022 15:14



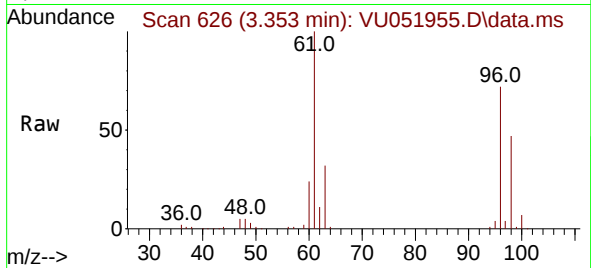
Tgt Ion: 84 Resp: 58870
Ion Ratio Lower Upper
84 100
86 64.8 43.8 81.4
49 104.4 75.9 141.1





#18
trans-1,2-Dichloroethene
Concen: 6.780 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051955.D
Acq: 19 Nov 2022 15:14

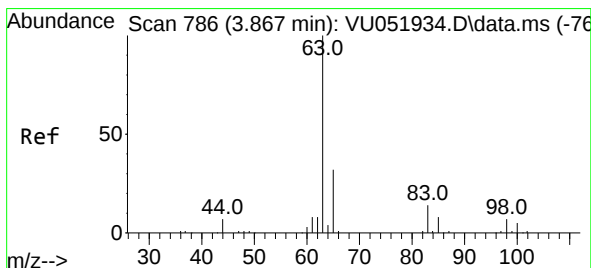
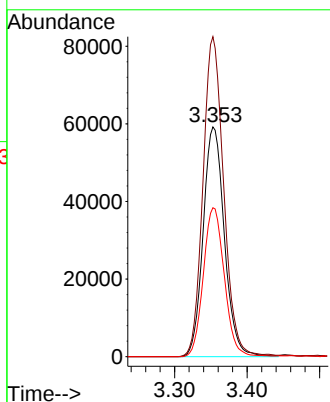
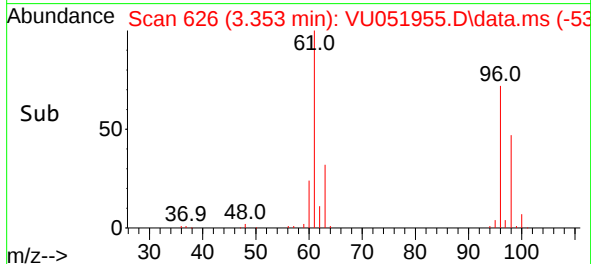
Instrument :
MSVOA_U
ClientSampleId :
GBN93



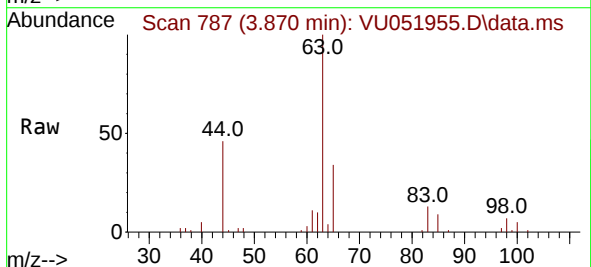
Tgt Ion: 96 Resp: 120620
Ion Ratio Lower Upper
96 100
61 139.2 97.9 181.7
98 64.8 43.8 81.3

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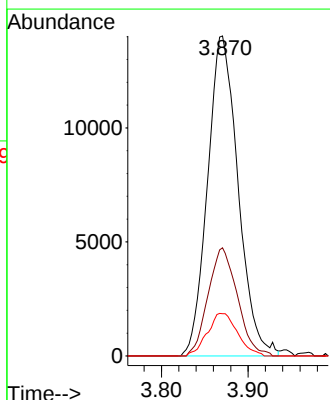
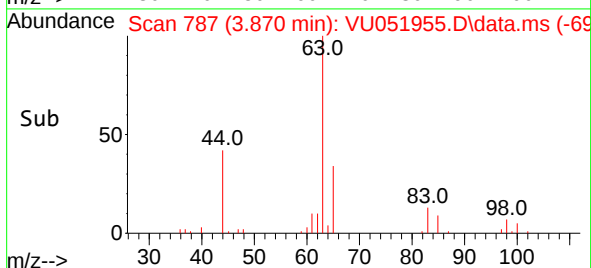
Reviewed By :Krupa Patel 11/21/2022
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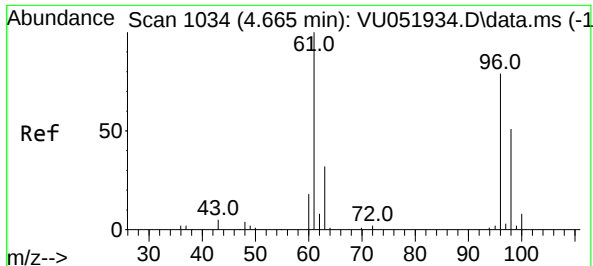


#19
1,1-Dichloroethane
Concen: 1.073 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU051955.D
Acq: 19 Nov 2022 15:14



Tgt Ion: 63 Resp: 34390
Ion Ratio Lower Upper
63 100
65 33.8 22.2 41.2
83 13.2 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 591.830 ug/L

RT: 4.665 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VU051955.D

Acq: 19 Nov 2022 15:14

Instrument :

MSVOA_U

ClientSampleId :

GBN93

Tgt Ion: 96 Resp:1105048

Ion Ratio Lower Upper

96 100

61 125.7 85.1 158.1

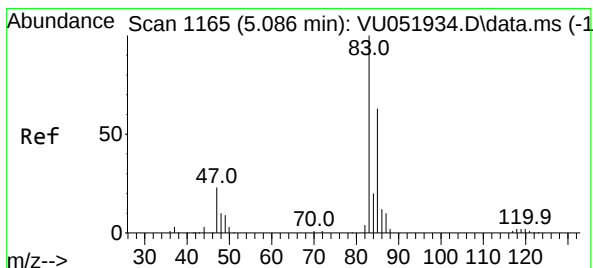
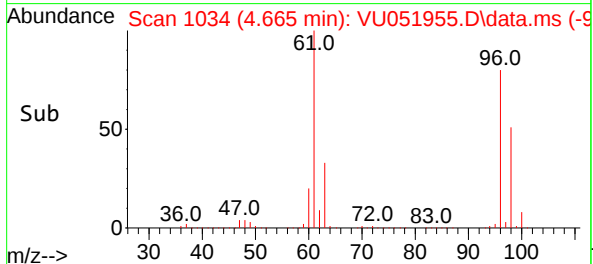
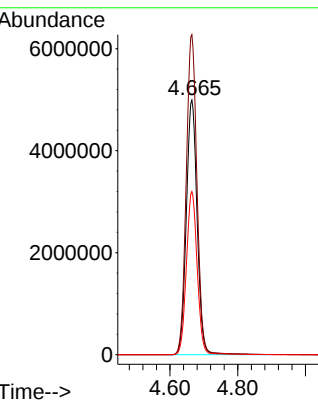
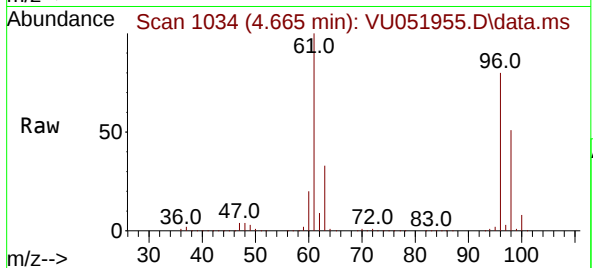
98 64.0 42.8 79.6

Manual Integrations

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#25

Chloroform

Concen: 0.758 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU051955.D

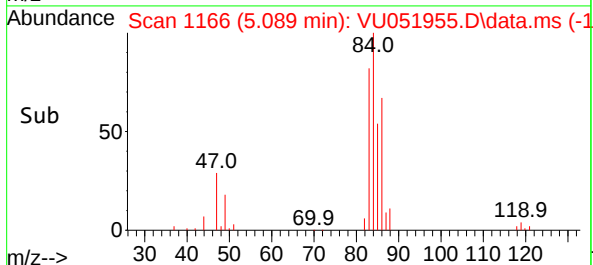
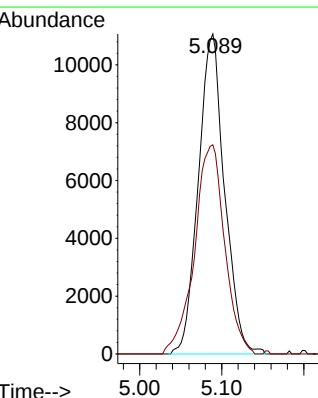
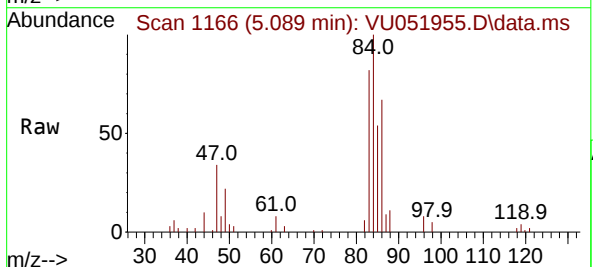
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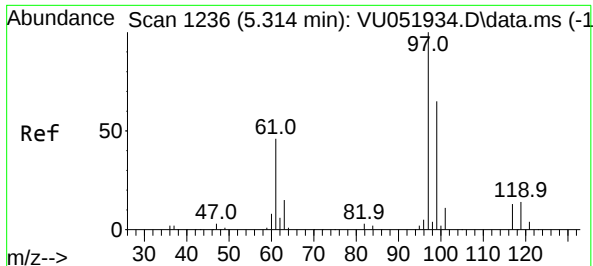
Tgt Ion: 83 Resp: 24633

Ion Ratio Lower Upper

83 100

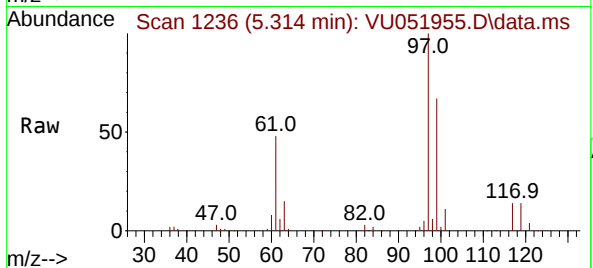
85 65.4 43.8 81.4





#29
1,1,1-Trichloroethane
Concen: 8.608 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051955.D
Acq: 19 Nov 2022 15:14

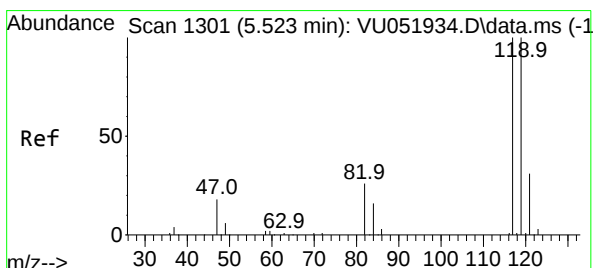
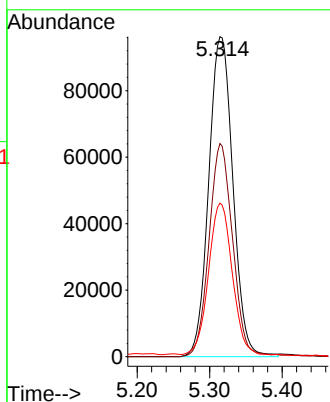
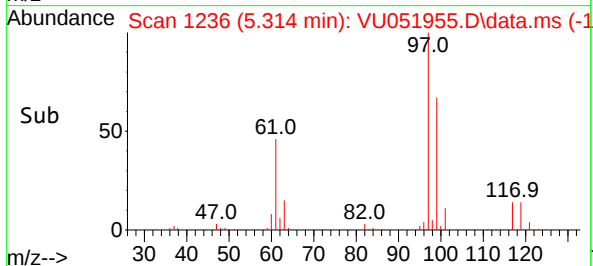
Instrument :
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GBN93



Tgt Ion: 97 Resp: 222798
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 46.2 36.9 55.3

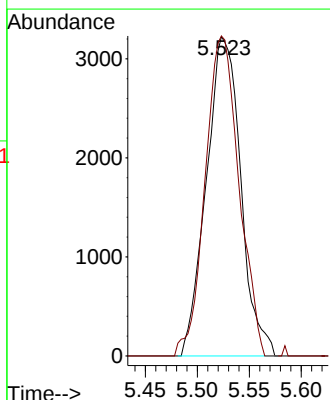
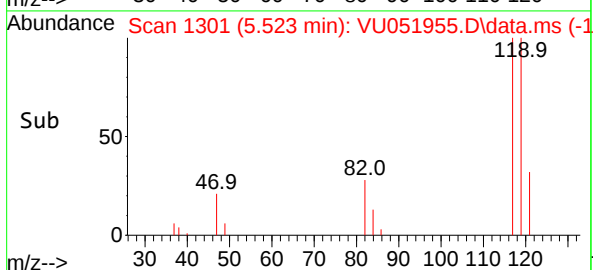
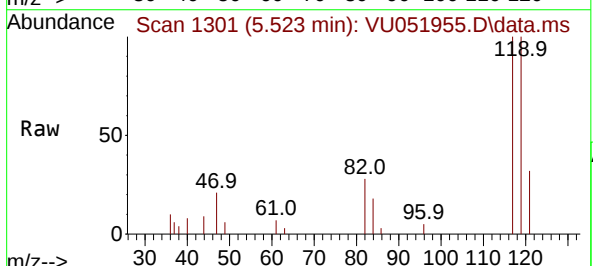
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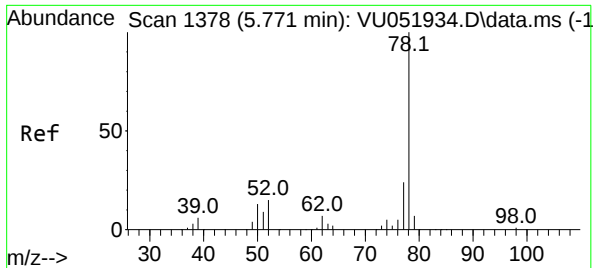
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#31
Carbon tetrachloride
Concen: 0.337 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU051955.D
Acq: 19 Nov 2022 15:14

Tgt Ion:117 Resp: 7419
Ion Ratio Lower Upper
117 100
119 98.4 77.2 115.8





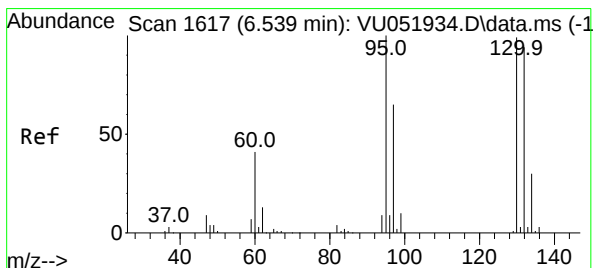
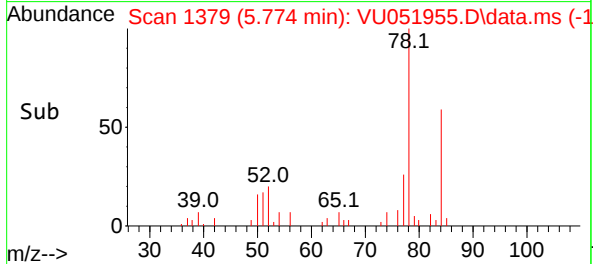
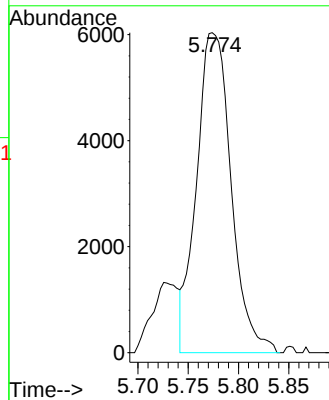
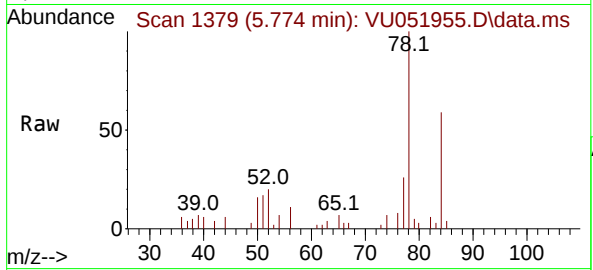
#33
Benzene
Concen: 0.191 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051955.D
Acq: 19 Nov 2022 15:14

Instrument :
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ClientSampleId :
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Tgt Ion: 78 Resp: 1446

Manual Integrations
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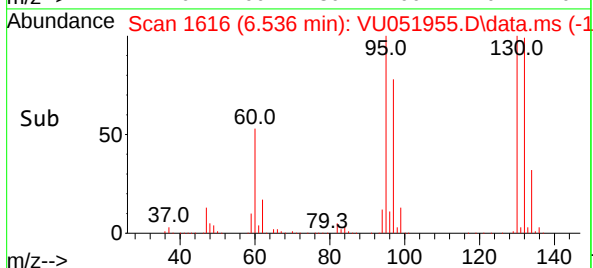
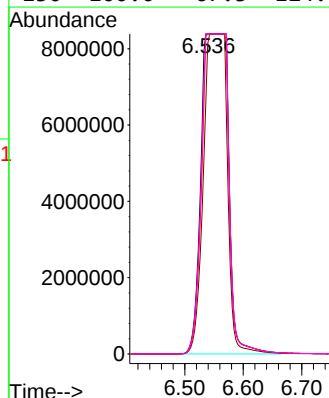
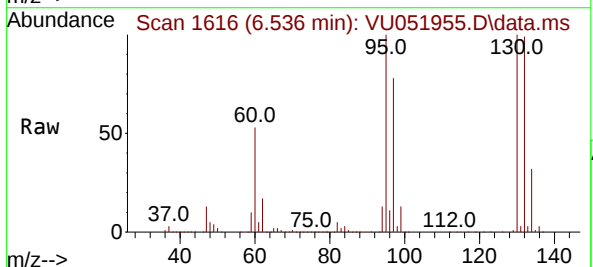
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

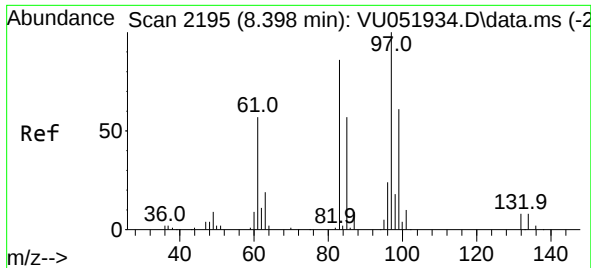


#34
Trichloroethene
Concen: 1434.020 ug/L m
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU051955.D
Acq: 19 Nov 2022 15:14

Tgt Ion: 95 Resp:27155083

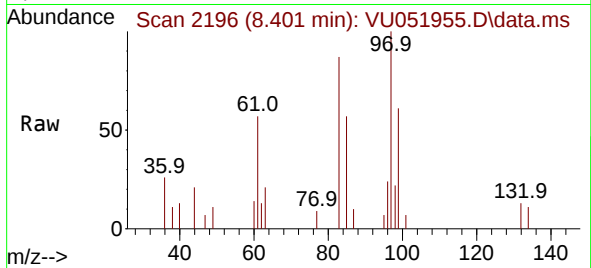
Ion	Ratio	Lower	Upper
95	100		
97	78.4	43.7	81.1
132	99.2	64.3	119.3
130	100.0	67.3	124.9





#45
1,1,2-Trichloroethane
Concen: 0.224 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU051955.D
Acq: 19 Nov 2022 15:14

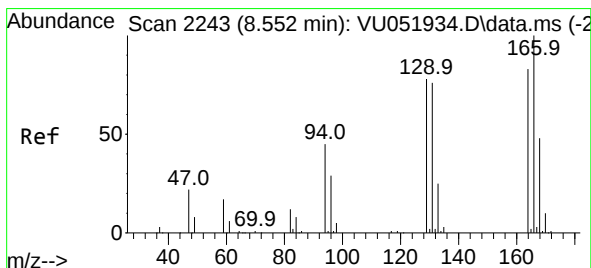
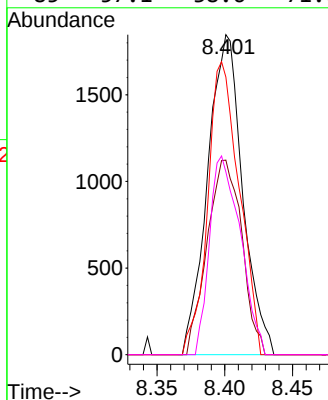
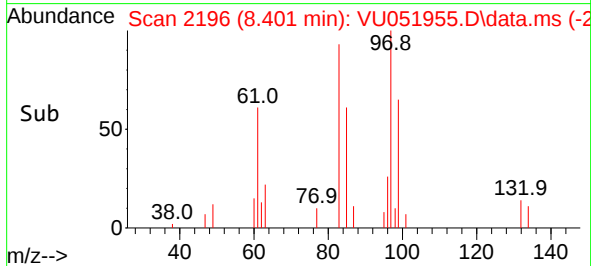
Instrument :
MSVOA_U
ClientSampleId :
GBN93



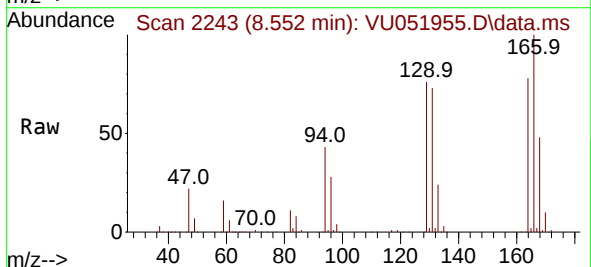
Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.6	79.2
83	86.7	60.7	112.7
85	57.1	38.6	71.6

Manual Integrations
APPROVED

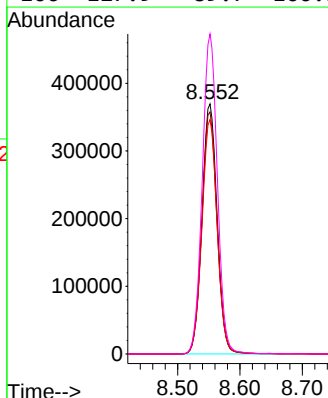
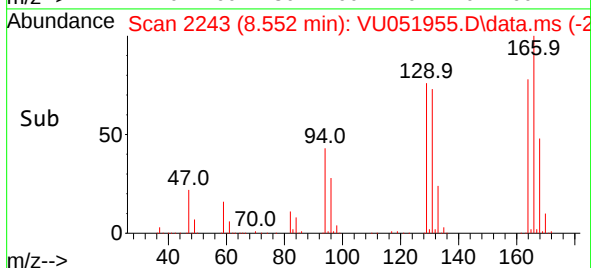
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

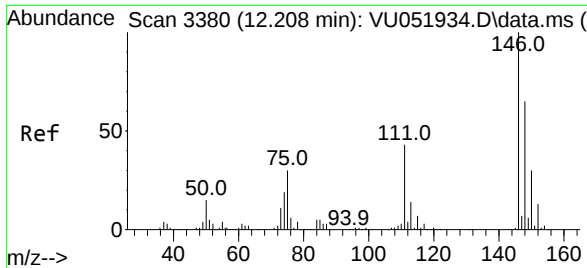


#47
Tetrachloroethene
Concen: 43.253 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051955.D
Acq: 19 Nov 2022 15:14



Tgt Ion	Ratio	Lower	Upper
164	100		
129	96.8	67.4	125.2
131	93.7	67.1	124.7
166	127.9	89.7	166.5





#67

1,2-Dichlorobenzene

Concen: 0.134 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051955.D

Acq: 19 Nov 2022 15:14

Instrument :

MSVOA_U

ClientSampleId :

GBN93

Tgt Ion:146 Resp: 3750

Ion Ratio Lower Upper

146 100

111 54.1 32.7 49.1

148 63.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022

