

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028856.D
 Acq On : 20 May 2022 17:19
 Operator : JC/MD
 Sample : N2943-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32

Quant Time: May 20 23:31:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	238938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	424914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167376	51.103	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.200%			
35) Dibromofluoromethane	5.391	113	135572	48.697	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.400%			
50) Toluene-d8	8.653	98	509766	48.567	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.140%			
62) 4-Bromofluorobenzene	11.085	95	177939	45.388	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.780%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	14842	13.815	ug/l #	92
16) Acetone	2.379	43	2561	1.822	ug/l	89
19) Methyl tert-butyl Ether	3.117	73	19133	2.180	ug/l #	81
22) Diisopropyl ether	3.763	45	8810	1.039	ug/l	92
39) Methylcyclohexane	7.391	83	3600	0.751	ug/l	95
40) Benzene	6.050	78	7295	0.607	ug/l	94
52) Toluene	8.726	92	3035	0.393	ug/l	97
67) Ethyl Benzene	10.195	91	287062	19.706	ug/l	99
68) m/p-Xylenes	10.305	106	39553	6.974	ug/l	98
69) o-Xylene	10.646	106	5327	0.954	ug/l	100
73) Isopropylbenzene	10.963	105	23372	1.463	ug/l	100
78) n-propylbenzene	11.305	91	72594	3.929	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	4690m	0.352	ug/l	
84) 1,2,4-Trimethylbenzene	11.750	105	600127	44.966	ug/l	99
85) sec-Butylbenzene	11.890	105	5369m	0.338	ug/l	
89) n-Butylbenzene	12.335	91	7834	0.678	ug/l #	66
95) Naphthalene	13.774	128	147298	9.842	ug/l	99

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

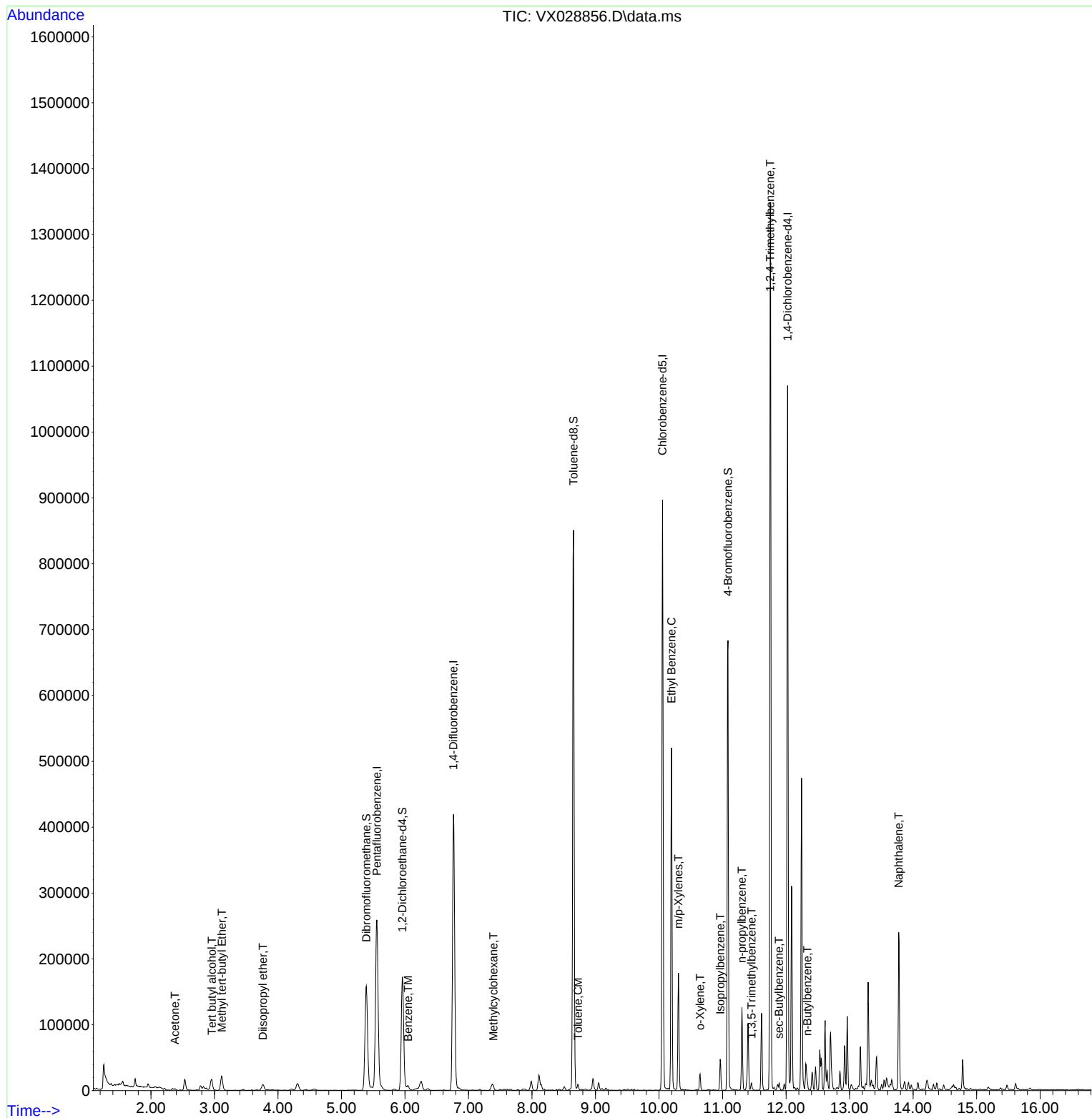
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
Data File : VX028856.D
Acq On : 20 May 2022 17:19
Operator : JC/MD
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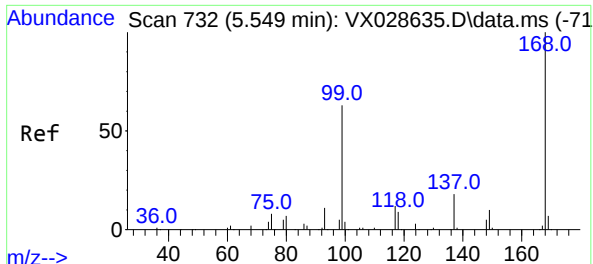
Instrument :
MSVOA_X
ClientSampleId :
MW-32

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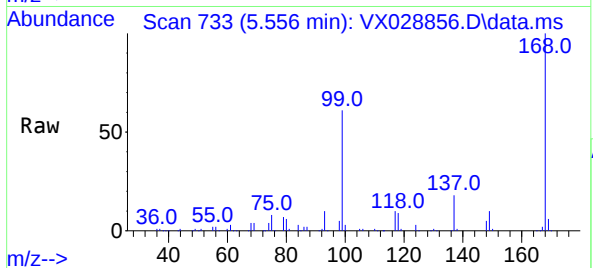
Quant Time: May 20 23:31:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.007 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

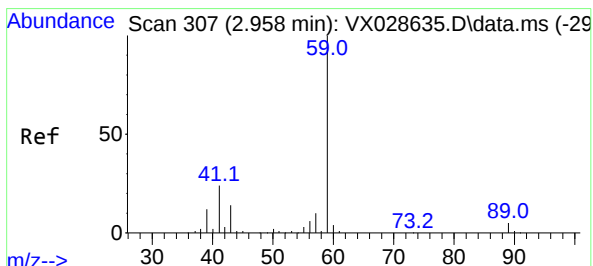
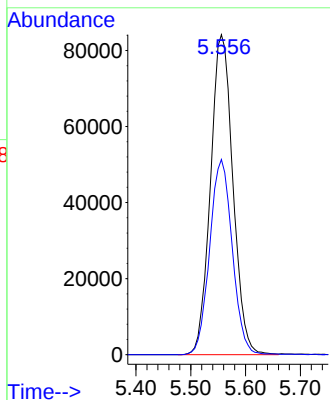
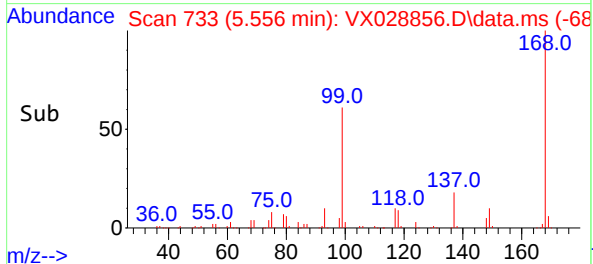
Instrument :
MSVOA_X
ClientSampleId :
MW-32



Tgt Ion:168 Resp: 238938
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5

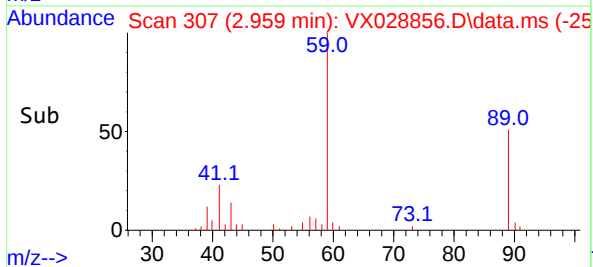
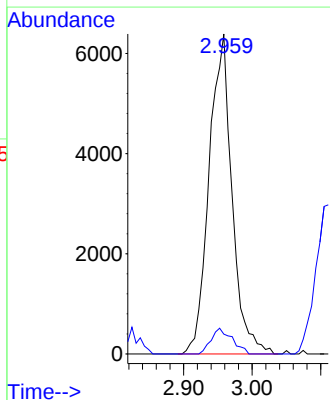
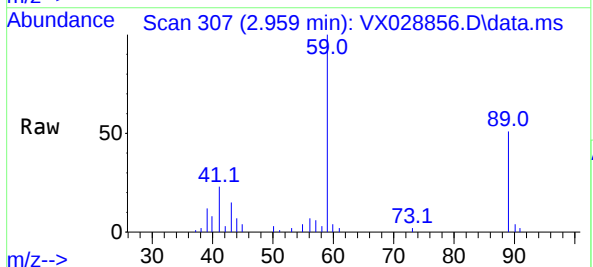
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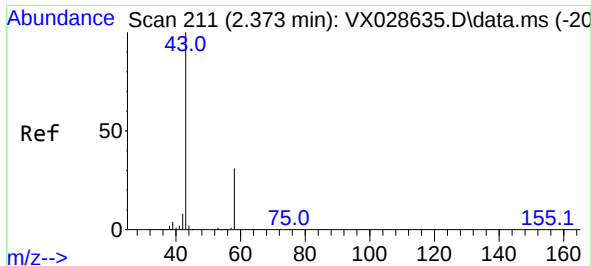
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022



#11
Tert butyl alcohol
Concen: 13.815 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

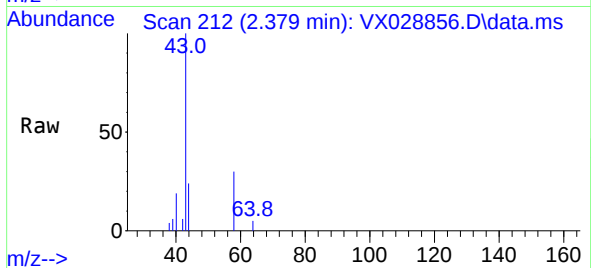
Tgt Ion: 59 Resp: 14842
Ion Ratio Lower Upper
59 100
57 7.4 8.3 12.5#





#16
Acetone
Concen: 1.822 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

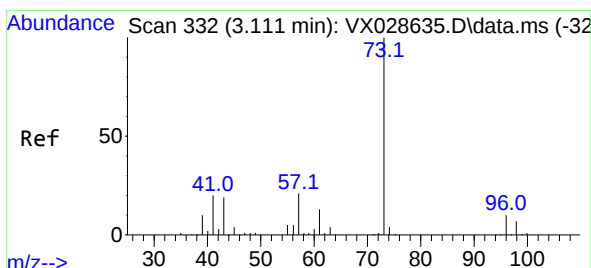
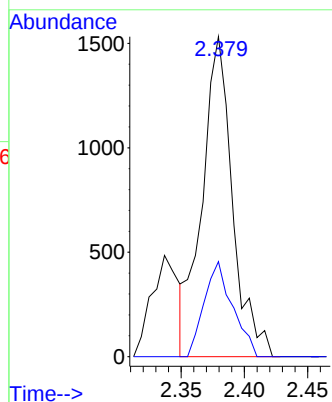
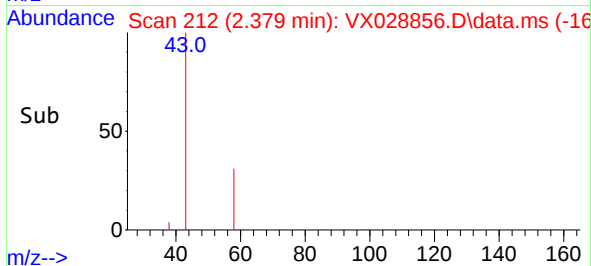
Instrument :
MSVOA_X
ClientSampleId :
MW-32



Tgt Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
58 29.7 28.8 43.2

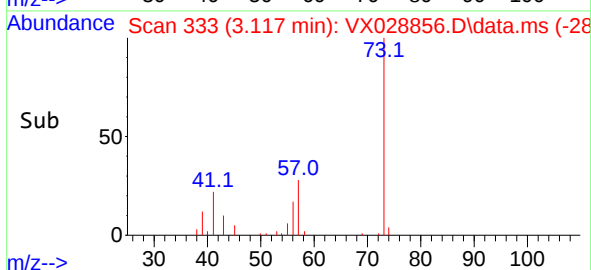
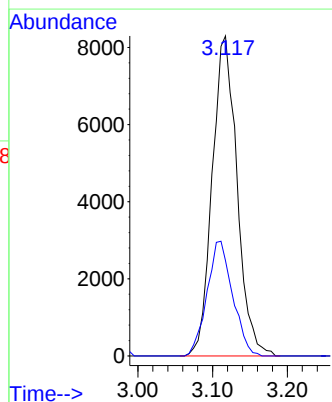
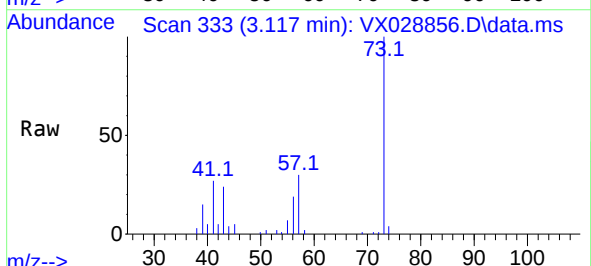
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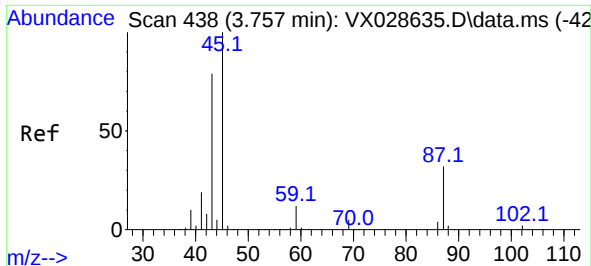
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022



#19
Methyl tert-butyl Ether
Concen: 2.180 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

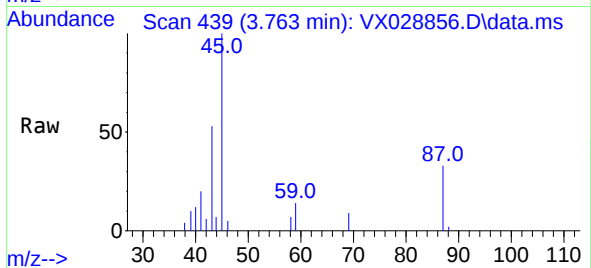
Tgt Ion: 73 Resp: 19133
Ion Ratio Lower Upper
73 100
57 29.8 16.8 25.2#





#22
Diisopropyl ether
Concen: 1.039 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

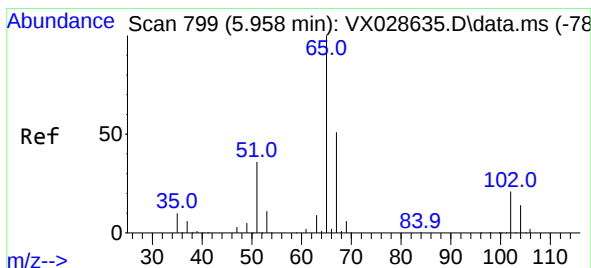
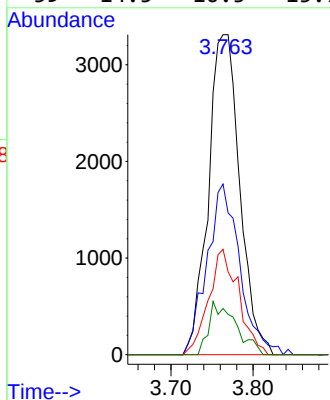
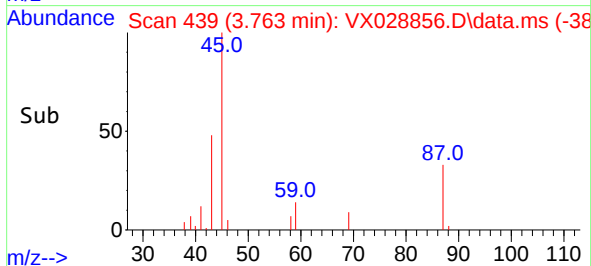
Instrument :
MSVOA_X
ClientSampleId :
MW-32



Tgt Ion: 45 Resp: 8810
Ion Ratio Lower Upper
45 100
43 53.4 50.8 76.2
87 32.9 26.6 39.8
59 14.5 10.5 15.7

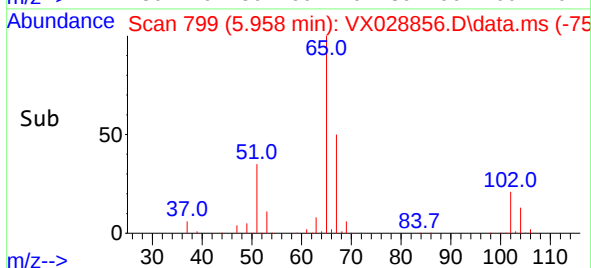
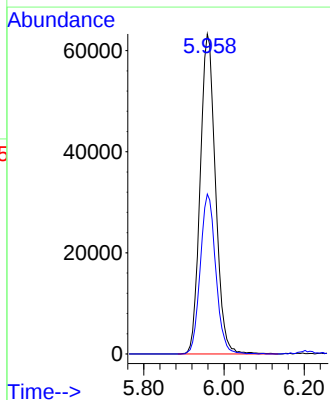
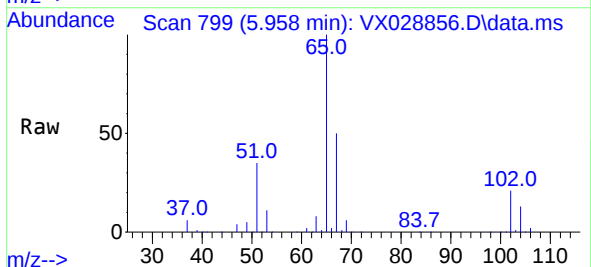
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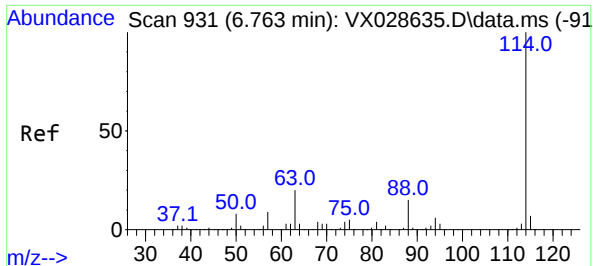
Reviewed By :Mahesh Dadoda 05/23/2022
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#33
1,2-Dichloroethane-d4
Concen: 51.103 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

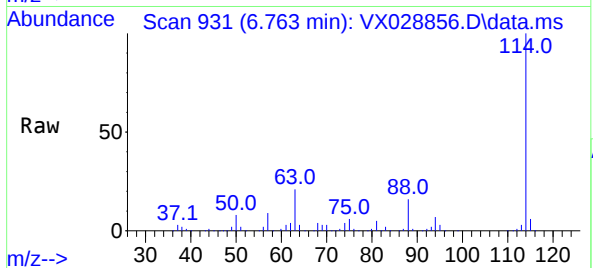
Tgt Ion: 65 Resp: 167376
Ion Ratio Lower Upper
65 100
67 50.5 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

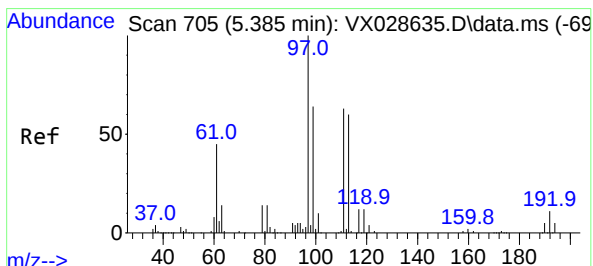
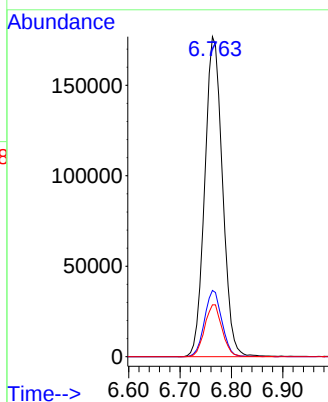
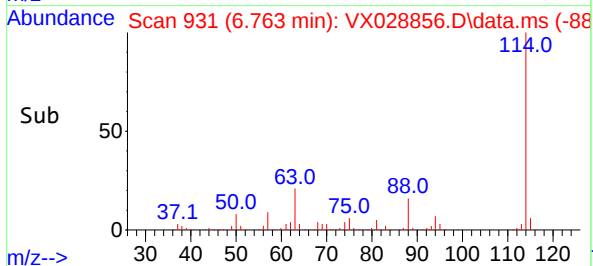
Instrument :
MSVOA_X
ClientSampleId :
MW-32



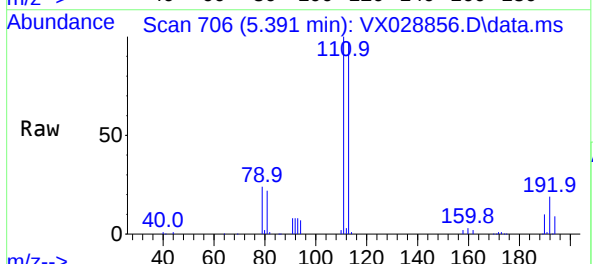
Tgt Ion:114 Resp: 424914
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.8
88 16.2 0.0 32.4

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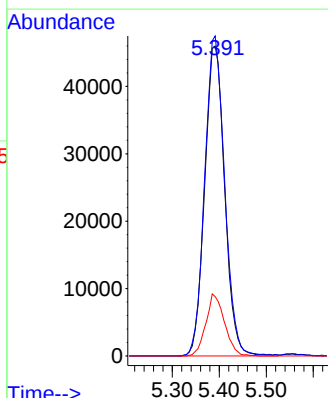
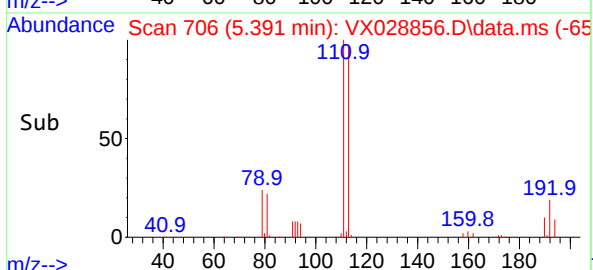
Reviewed By :Mahesh Dadoda 05/23/2022
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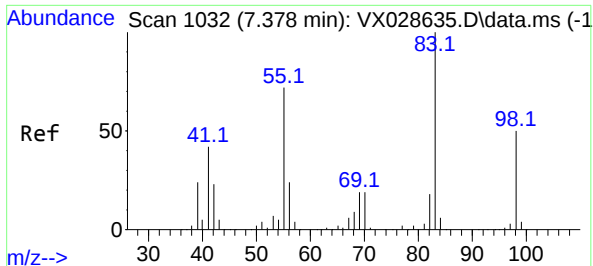


#35
Dibromofluoromethane
Concen: 48.697 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19



Tgt Ion:113 Resp: 135572
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.7 16.9 25.3





#39

Methylcyclohexane

Concen: 0.751 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.013 min

Lab File: VX028856.D

Acq: 20 May 2022 17:19

Instrument :

MSVOA_X

ClientSampleId :

MW-32

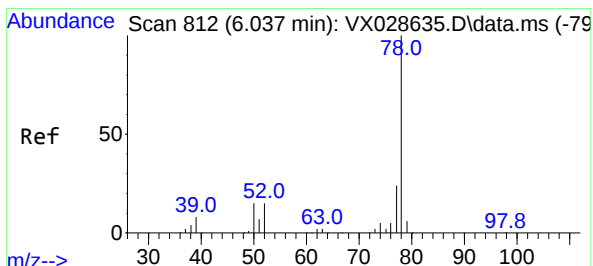
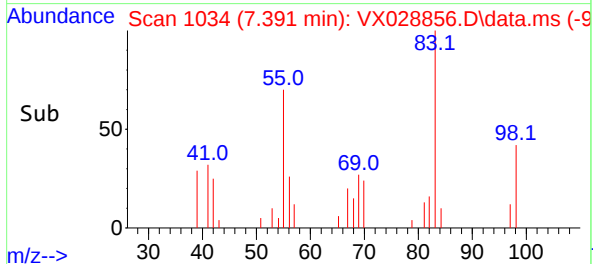
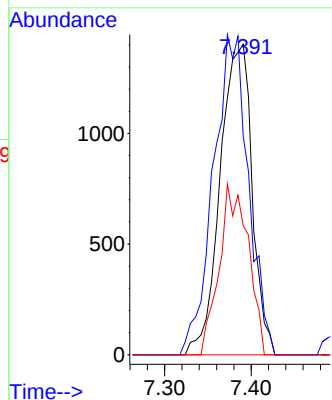
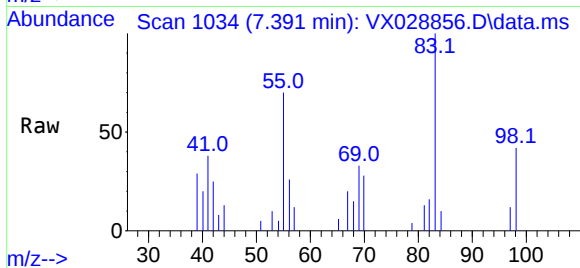
Tgt Ion: 83 Resp: 3600

Ion	Ratio	Lower	Upper
83	100		
55	70.3	54.6	81.8
98	41.6	37.4	56.2

Manual Integrations

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#40

Benzene

Concen: 0.607 ug/l

RT: 6.050 min Scan# 814

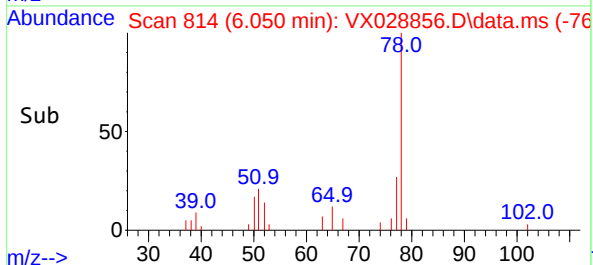
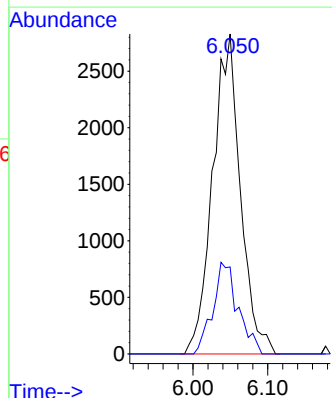
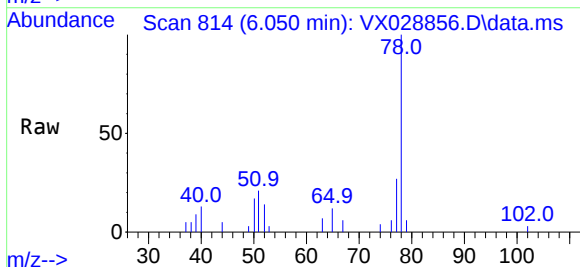
Delta R.T. 0.013 min

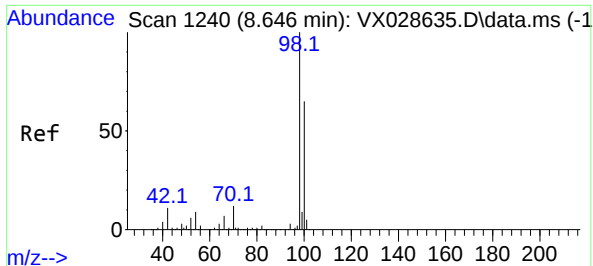
Lab File: VX028856.D

Acq: 20 May 2022 17:19

Tgt Ion: 78 Resp: 7295

Ion	Ratio	Lower	Upper
78	100		
77	27.2	19.3	28.9





#50

Toluene-d8

Concen: 48.567 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028856.D

Acq: 20 May 2022 17:19

Instrument :

MSVOA_X

ClientSampleId :

MW-32

Tgt Ion: 98 Resp: 50976

Ion Ratio Lower Upper

98 100

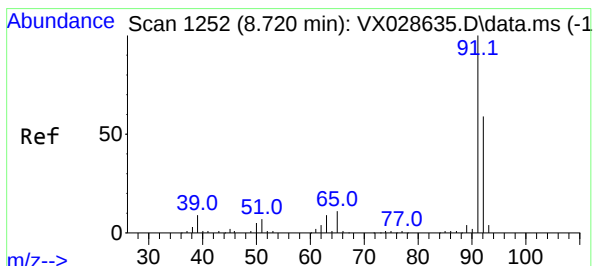
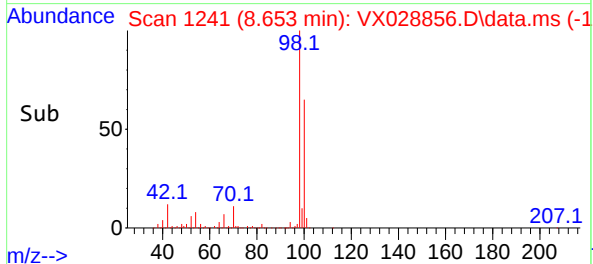
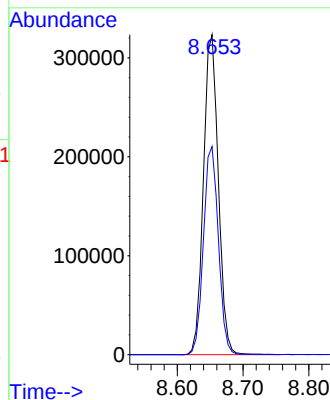
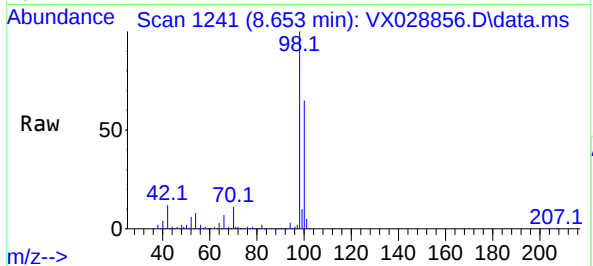
100 65.3 52.6 78.8

Manual Integrations

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#52

Toluene

Concen: 0.393 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX028856.D

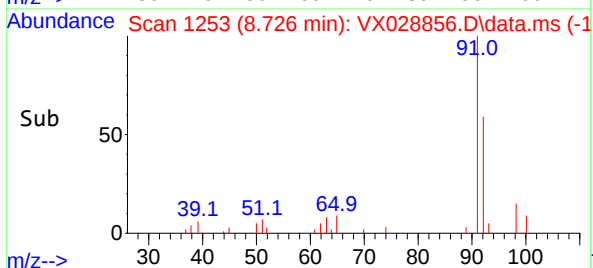
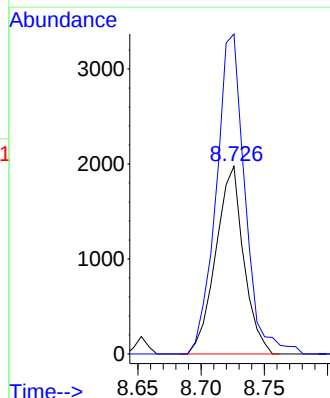
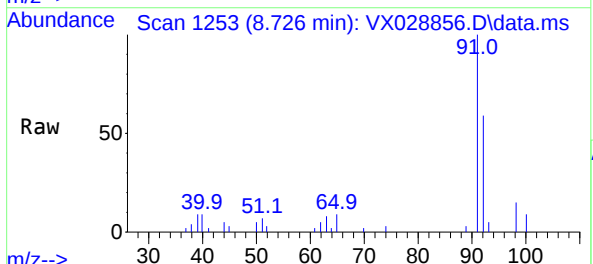
Acq: 20 May 2022 17:19

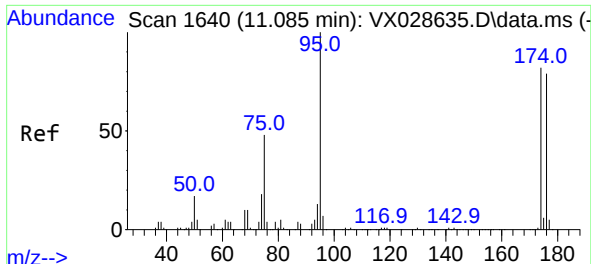
Tgt Ion: 92 Resp: 3035

Ion Ratio Lower Upper

92 100

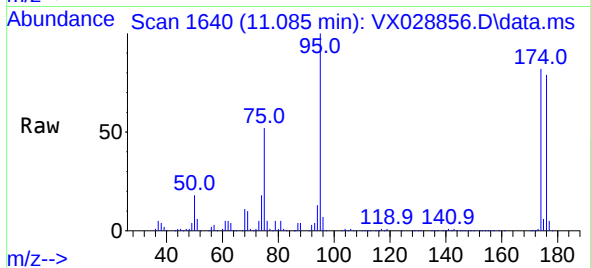
91 175.4 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 45.388 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

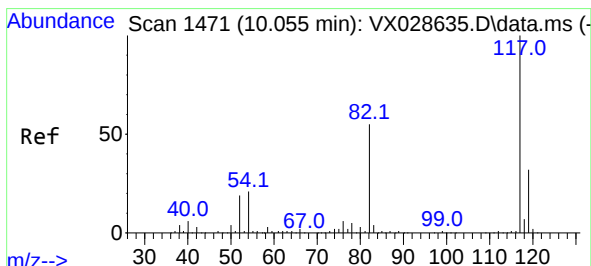
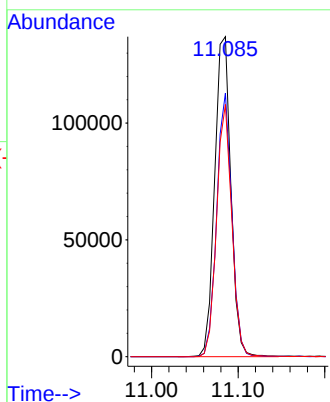
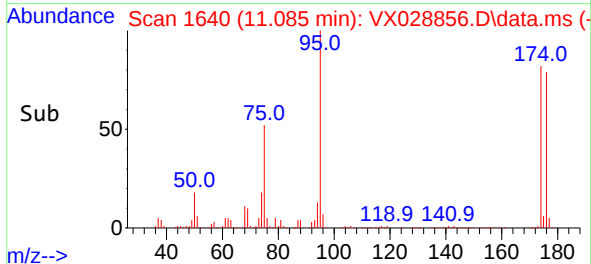
Instrument :
MSVOA_X
ClientSampleId :
MW-32



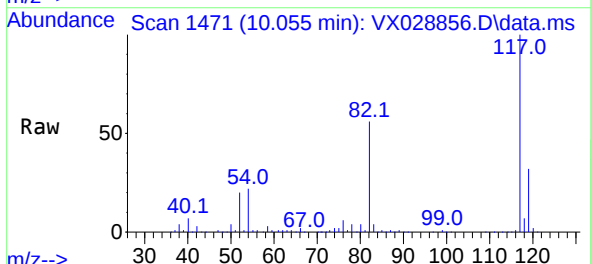
Tgt Ion: 95 Resp: 177939
Ion Ratio Lower Upper
95 100
174 77.0 0.0 163.0
176 74.1 0.0 155.0

Manual Integrations
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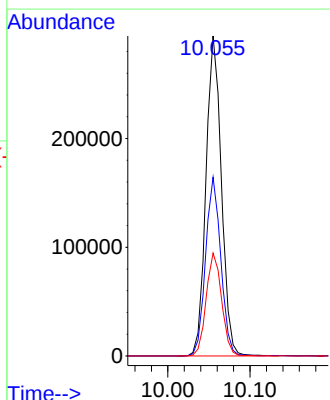
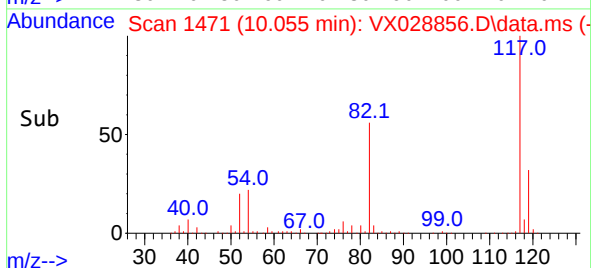
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

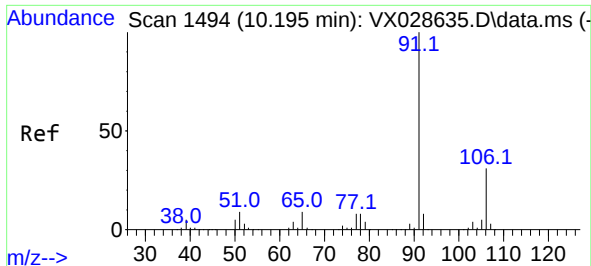


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19



Tgt Ion:117 Resp: 383105
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.1 24.8 37.2





#67

Ethyl Benzene

Concen: 19.706 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028856.D

Acq: 20 May 2022 17:19

Instrument :

MSVOA_X

ClientSampleId :

MW-32

Tgt Ion: 91 Resp: 287062

Ion Ratio Lower Upper

91 100

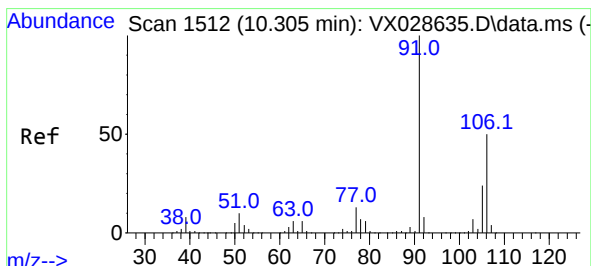
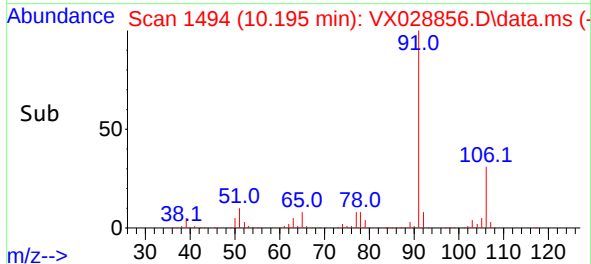
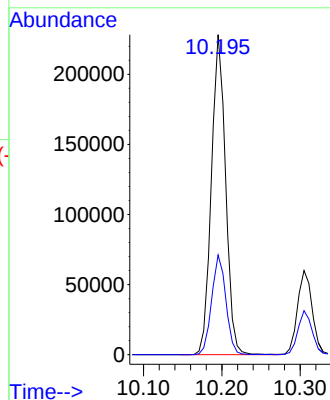
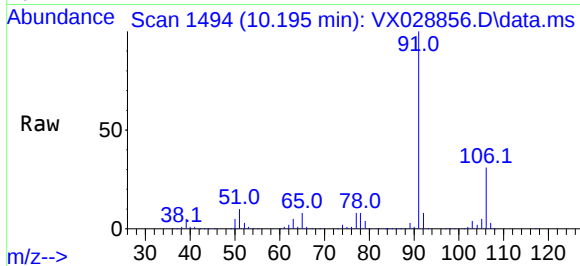
106 31.1 24.6 36.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/23/2022

Supervised By :Semsettin Yesilyurt 05/23/2022



#68

m/p-Xylenes

Concen: 6.974 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028856.D

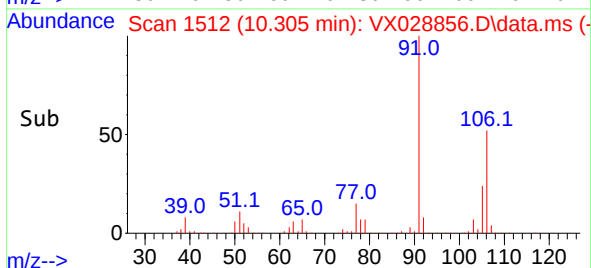
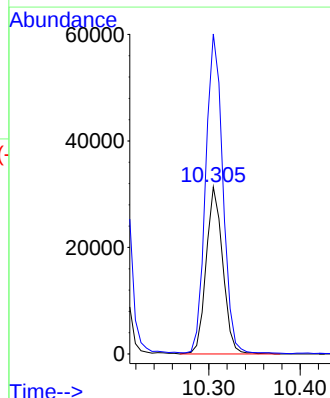
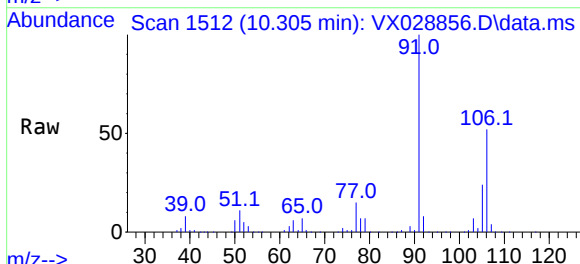
Acq: 20 May 2022 17:19

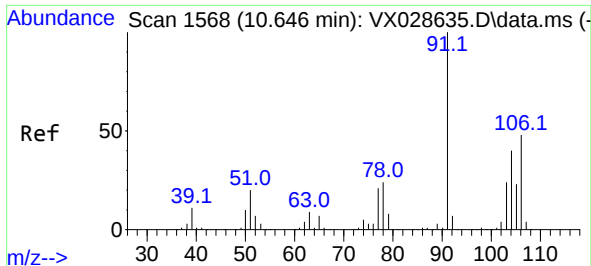
Tgt Ion:106 Resp: 39553

Ion Ratio Lower Upper

106 100

91 197.8 160.4 240.6





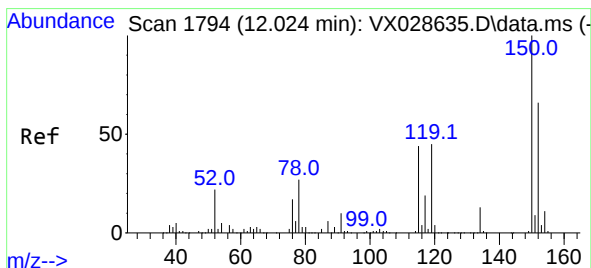
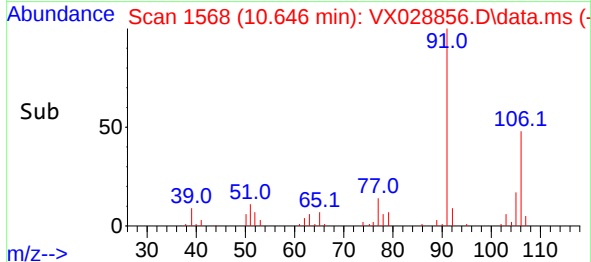
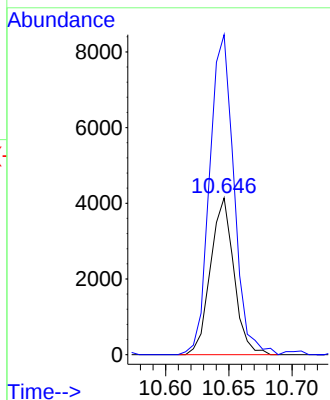
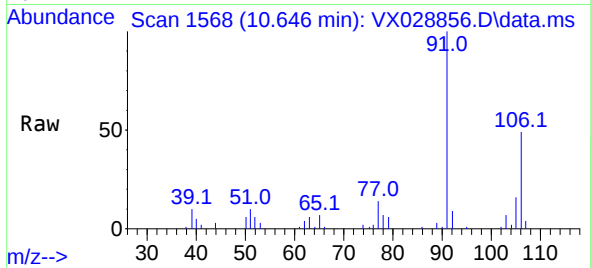
#69
o-Xylene
Concen: 0.954 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion:106 Resp: 532
Ion Ratio Lower Upper
106 100
91 212.2 106.1 318.1

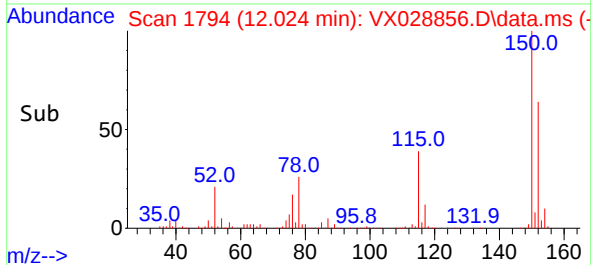
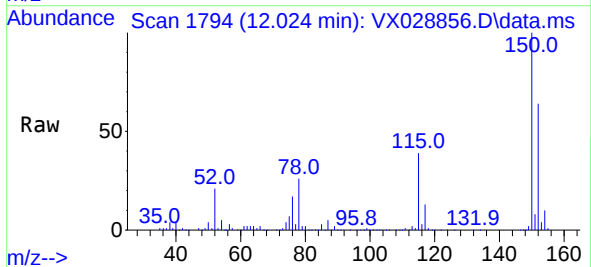
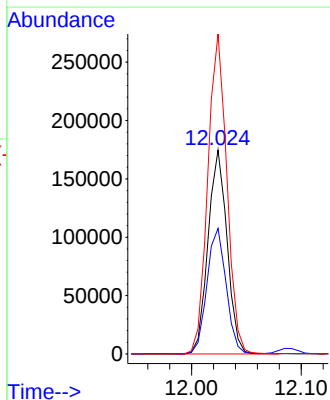
Manual Integrations
APPROVED

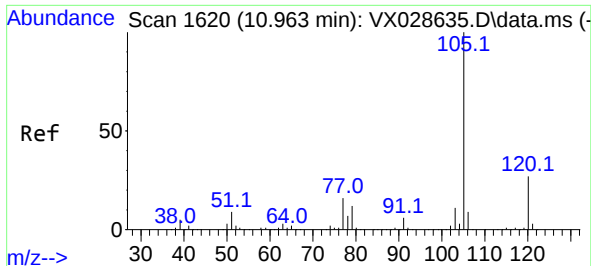
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

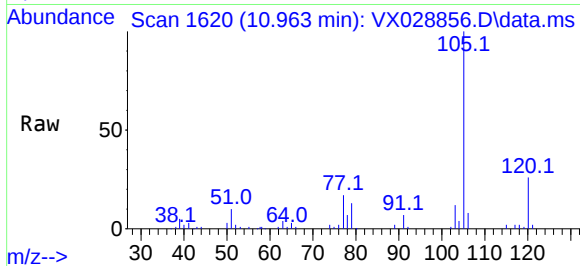
Tgt Ion:152 Resp: 210625
Ion Ratio Lower Upper
152 100
115 62.1 37.5 112.7
150 157.2 0.0 338.2





#73
Isopropylbenzene
Concen: 1.463 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

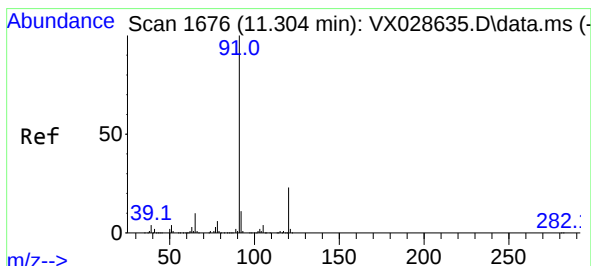
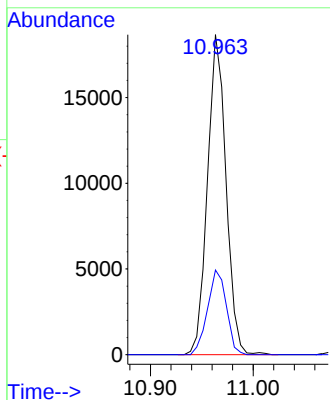
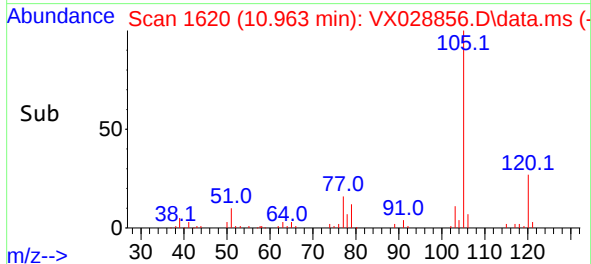
Instrument :
MSVOA_X
ClientSampleId :
MW-32



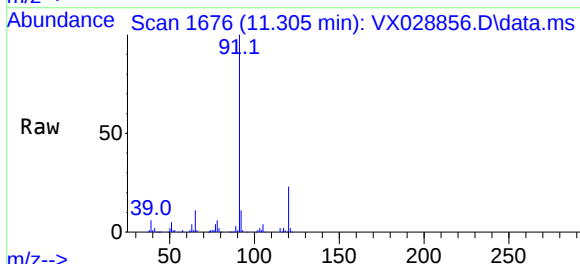
Tgt Ion:105 Resp: 23372
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5

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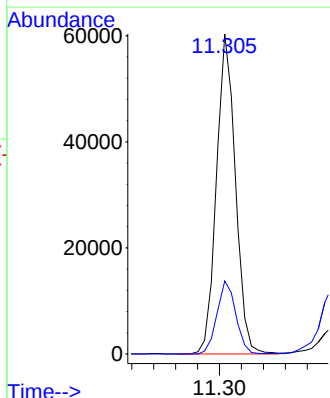
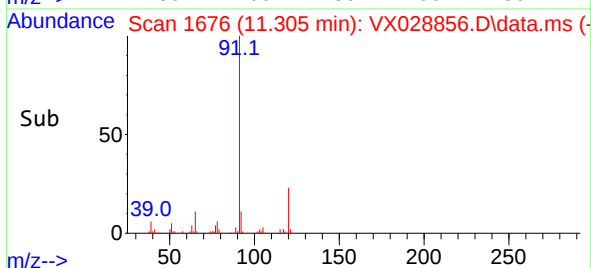
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

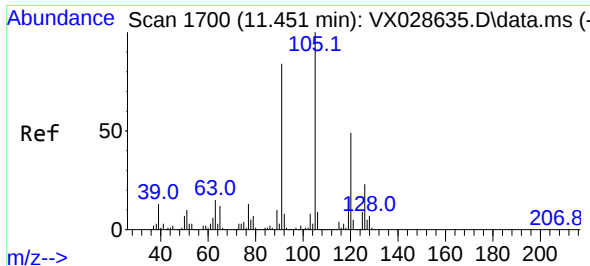


#78
n-propylbenzene
Concen: 3.929 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19



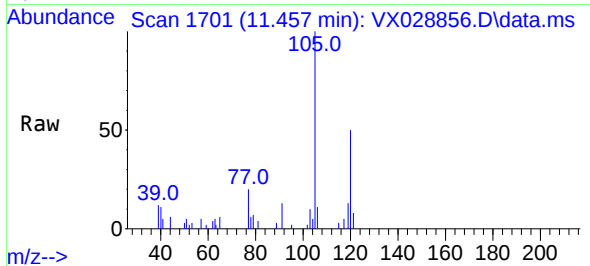
Tgt Ion: 91 Resp: 72594
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 0.352 ug/l m
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

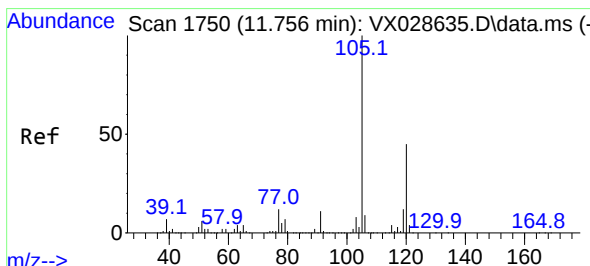
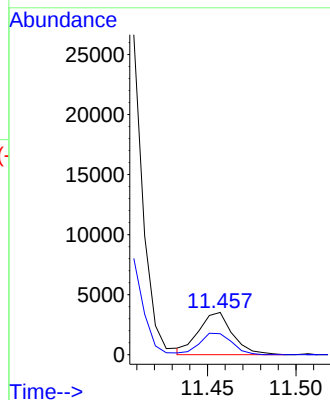
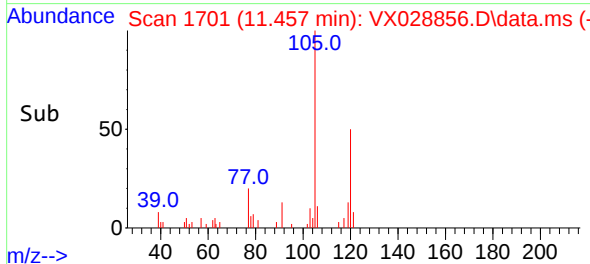
Instrument :
MSVOA_X
ClientSampleId :
MW-32



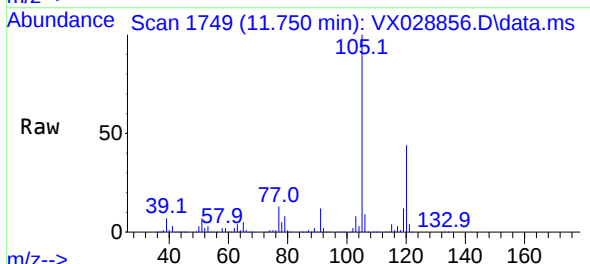
Tgt Ion:105 Resp: 4690
Ion Ratio Lower Upper
105 100
120 337.9 24.3 72.9

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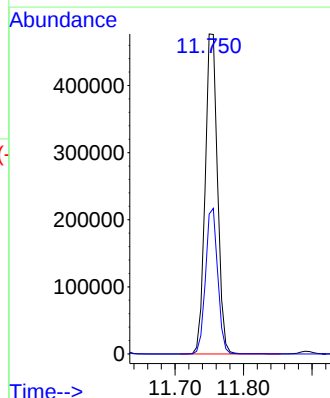
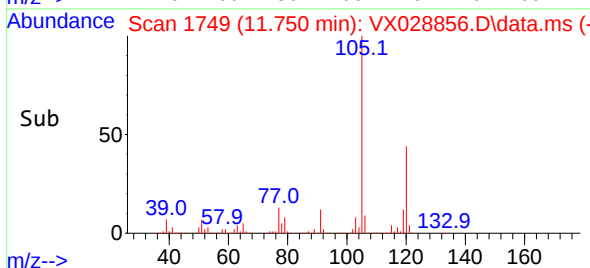
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

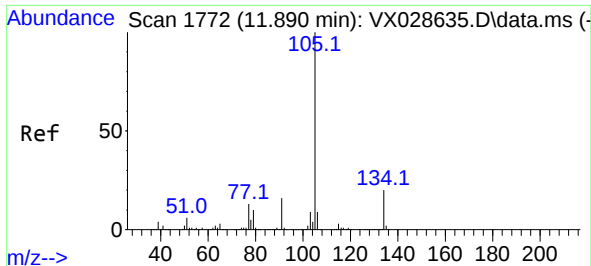


#84
1,2,4-Trimethylbenzene
Concen: 44.966 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19



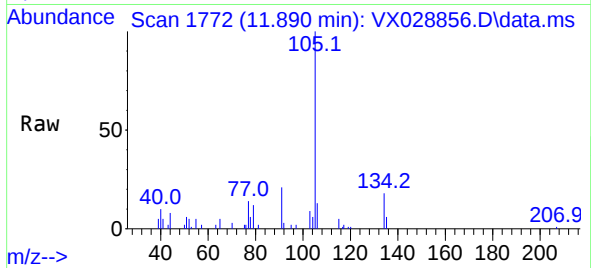
Tgt Ion:105 Resp: 600127
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8





#85
sec-Butylbenzene
Concen: 0.338 ug/l m
RT: 11.890 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

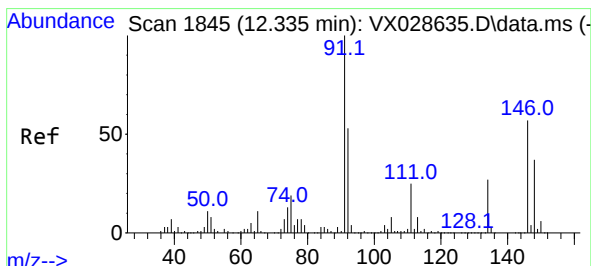
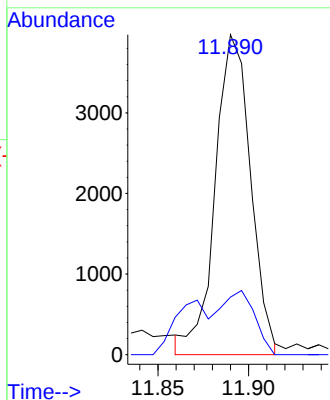
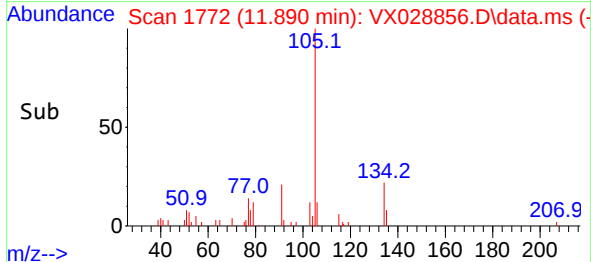
Instrument :
MSVOA_X
ClientSampleId :
MW-32



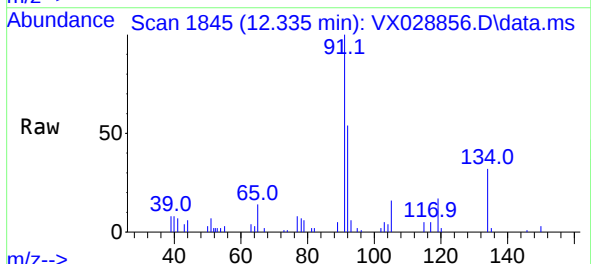
Tgt Ion:105 Resp: 5369
Ion Ratio Lower Upper
105 100
134 2.6 10.2 30.4

Manual Integrations
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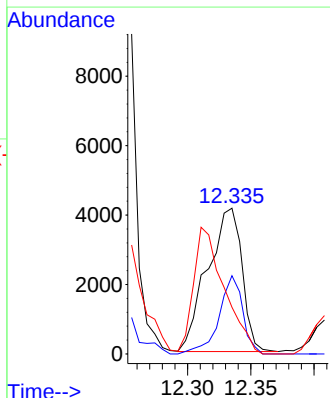
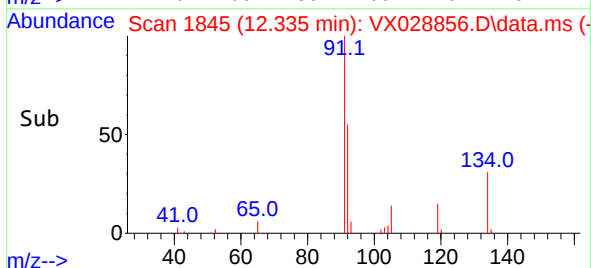
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

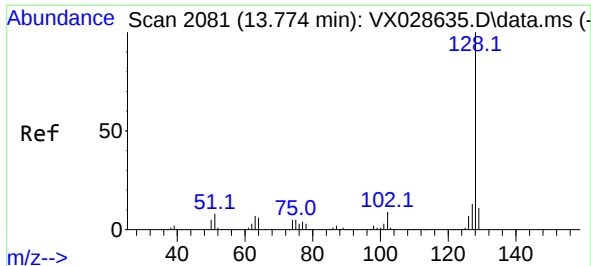


#89
n-Butylbenzene
Concen: 0.678 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19



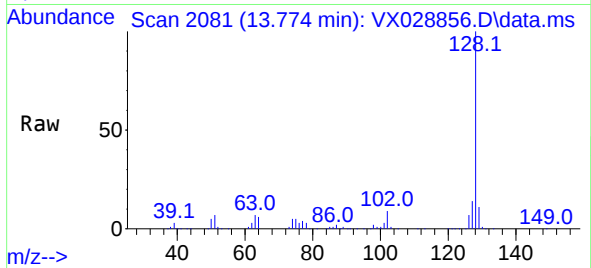
Tgt Ion: 91 Resp: 7834
Ion Ratio Lower Upper
91 100
92 37.4 27.8 83.3
134 0.0 13.3 39.8





#95
Naphthalene
Concen: 9.842 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028856.D
Acq: 20 May 2022 17:19

Instrument :
MSVOA_X
ClientSampleId :
MW-32



Tgt Ion:128 Resp: 147298
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

