

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073240.D
 Acq On : 29 Jun 2022 14:05
 Operator : JC\MD
 Sample : N3504-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1616

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 15:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.004	168	485713	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	785791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	663095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	333854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	265551	37.872	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	75.740%		
35) Dibromofluoromethane	7.957	113	206806	39.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	79.120%		
50) Toluene-d8	10.375	98	809119	43.576	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.160%		
62) 4-Bromofluorobenzene	12.669	95	332266	46.564	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.120%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.504	59	18774138m	11052.885	ug/l	
16) Acetone	4.263	43	159617903m	40554.942	ug/l	
17) Carbon Disulfide	4.340	76	226000	15.243	ug/l	98
20) Methylene Chloride	4.963	84	20887	3.020	ug/l	83
30) Chloroform	7.734	83	3896	0.333	ug/l	84
37) Ethyl Acetate	7.357	43	22520192	1852.789	ug/l	98
40) Benzene	8.381	78	877558	35.348	ug/l	98
52) Toluene	10.439	92	1162708	75.784	ug/l	99
67) Ethyl Benzene	11.780	91	519194	19.070	ug/l	100
68) m/p-Xylenes	11.886	106	682390	66.412	ug/l	98
69) o-Xylene	12.216	106	390278	37.207	ug/l	97
73) Isopropylbenzene	12.516	105	48745	1.691	ug/l	96
78) n-propylbenzene	12.857	91	126331	3.944	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	161190	6.860	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	762651	32.507	ug/l	92
86) p-Isopropyltoluene	13.551	119	23485	1.028	ug/l	93
95) Naphthalene	15.427	128	455792	17.714	ug/l	99

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

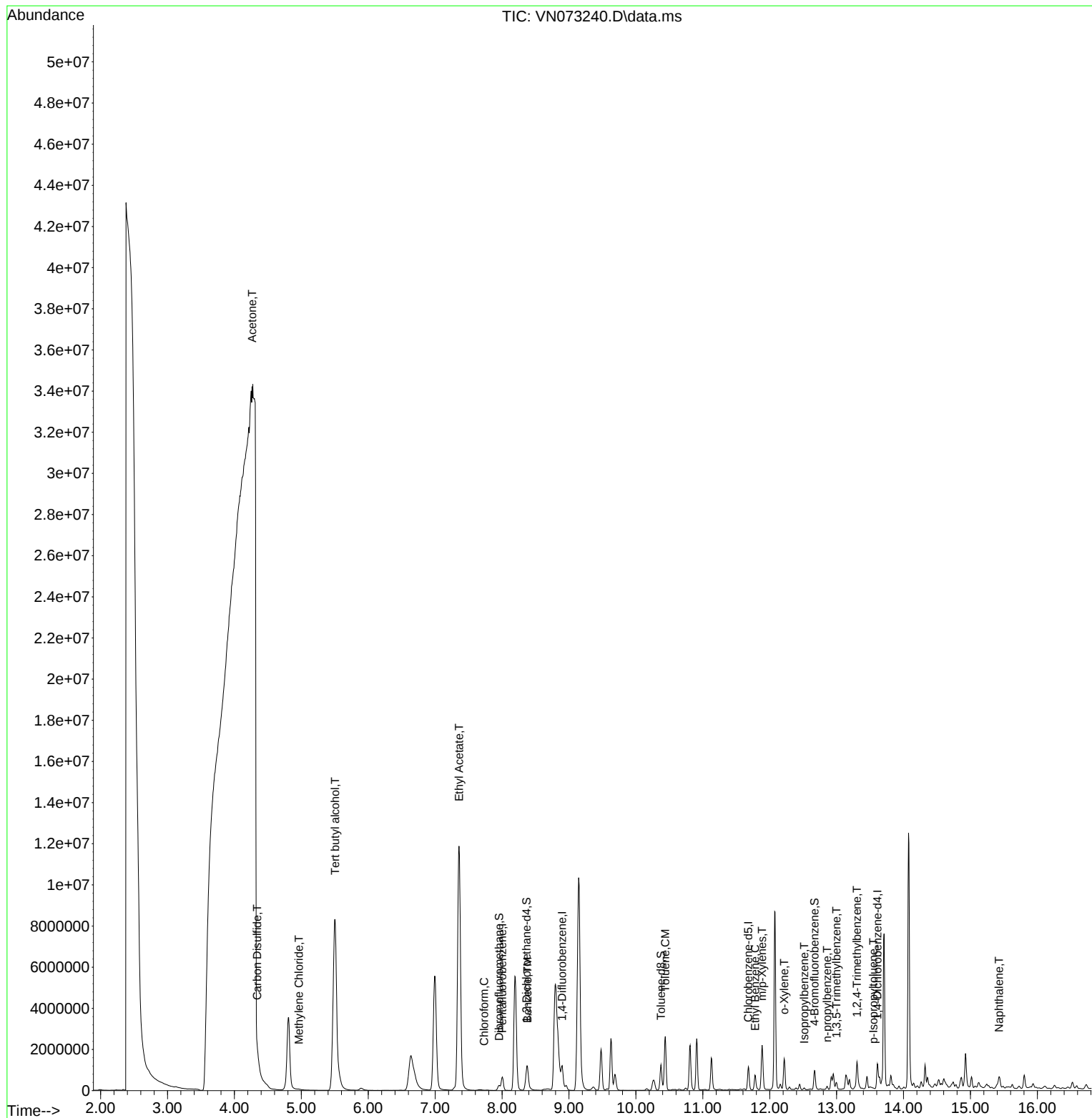
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
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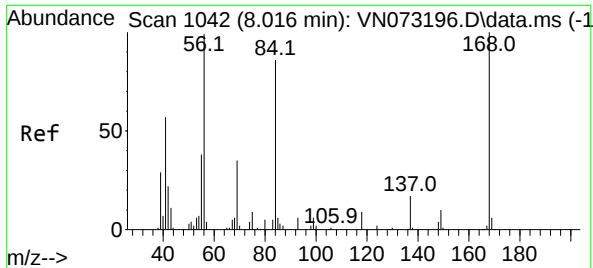
Instrument :
MSVOA_N
ClientSampleId :
TRE-1616

Quant Time: Jun 29 15:43:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 07/01/2022





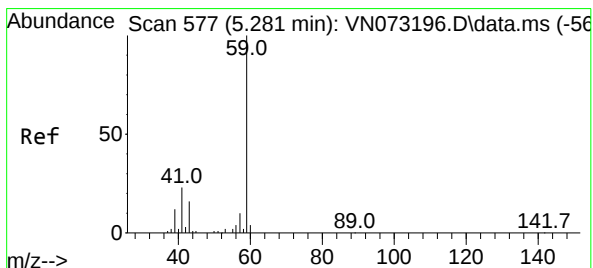
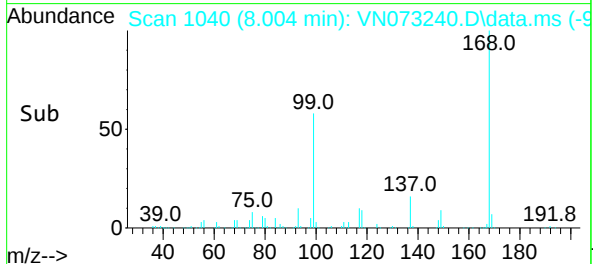
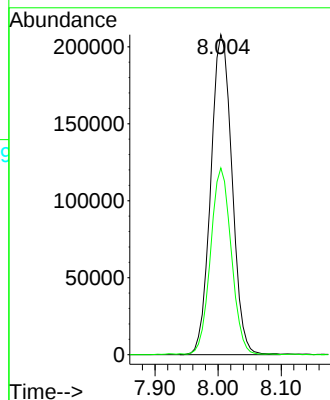
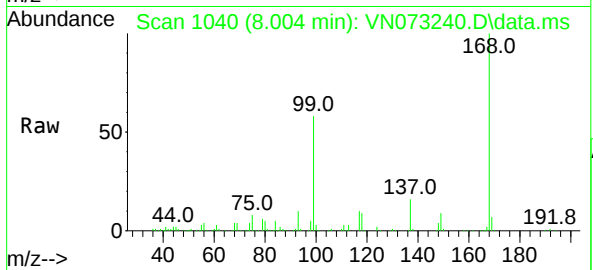
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
TRE-1616

Tgt Ion:168 Resp: 48571
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5

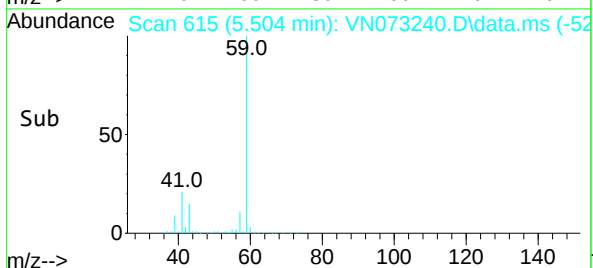
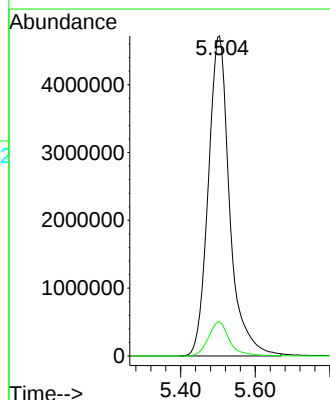
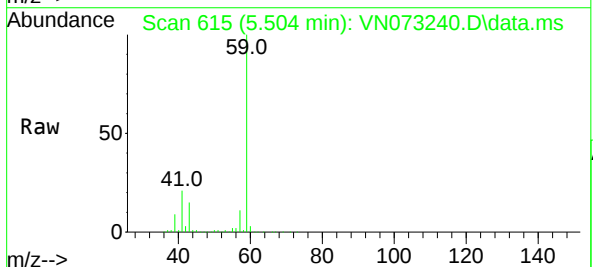
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#11
Tert butyl alcohol
Concen: 11052.885 ug/l m
RT: 5.504 min Scan# 615
Delta R.T. 0.223 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

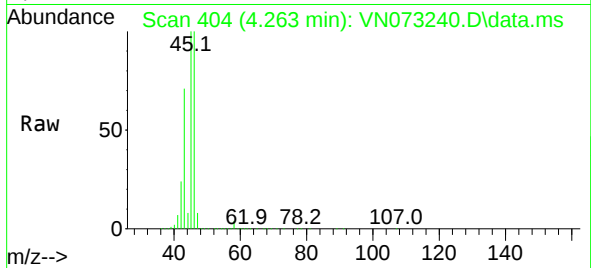
Tgt Ion: 59 Resp:18774138
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 40554.942 ug/l m
RT: 4.263 min Scan# 404
Delta R.T. 0.041 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

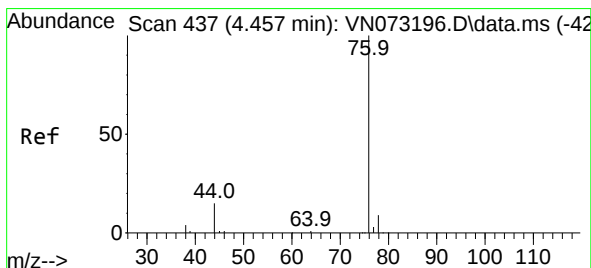
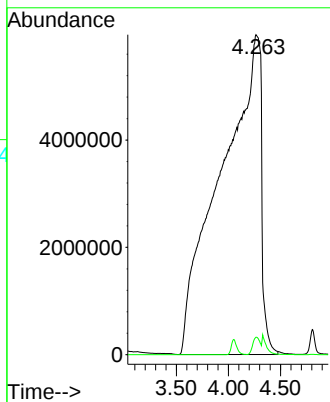
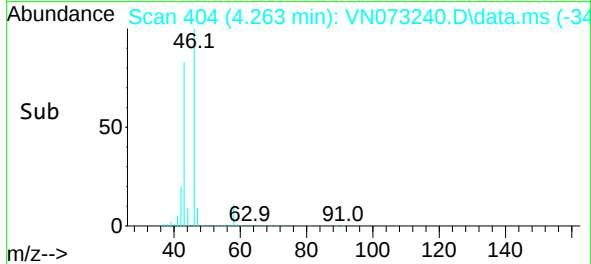
Instrument :
MSVOA_N
ClientSampleId :
TRE-1616



Tgt Ion: 43 Resp:15961790
Ion Ratio Lower Upper
43 100
58 5.5 26.0 39.0

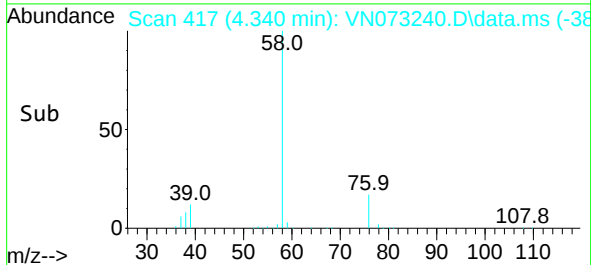
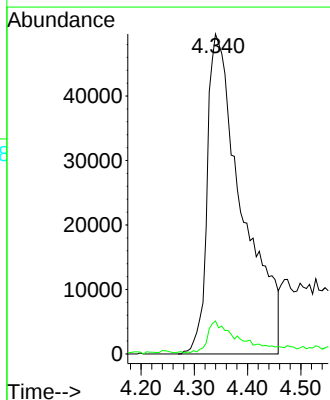
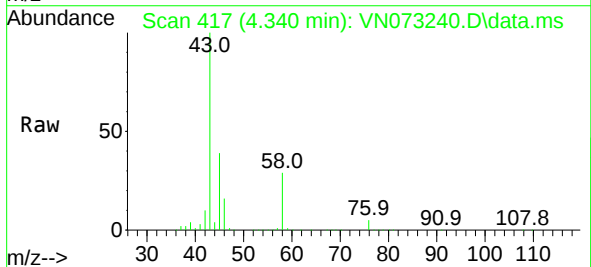
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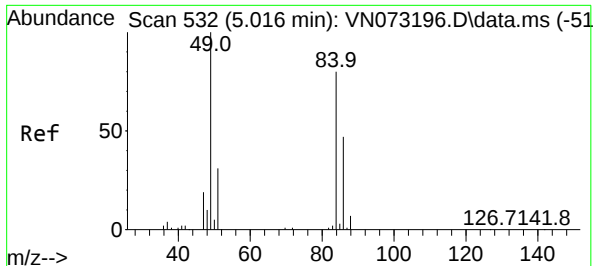
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#17
Carbon Disulfide
Concen: 15.243 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.117 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

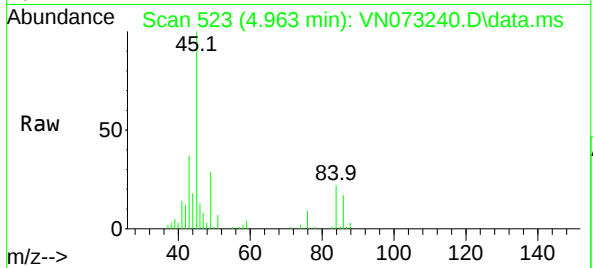
Tgt Ion: 76 Resp: 226000
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8





#20
Methylene Chloride
Concen: 3.020 ug/l
RT: 4.963 min Scan# 51
Delta R.T. -0.053 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

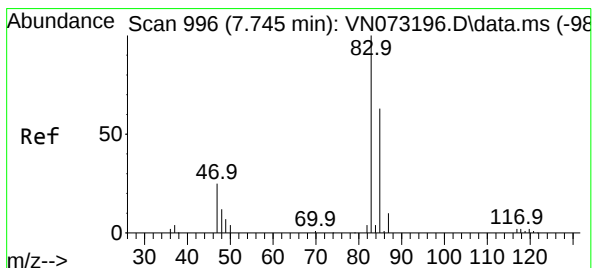
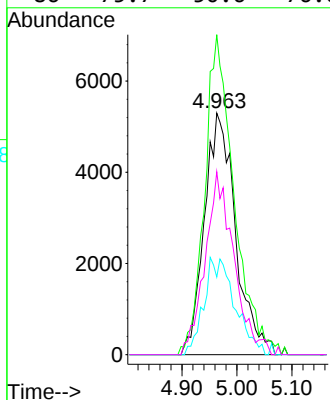
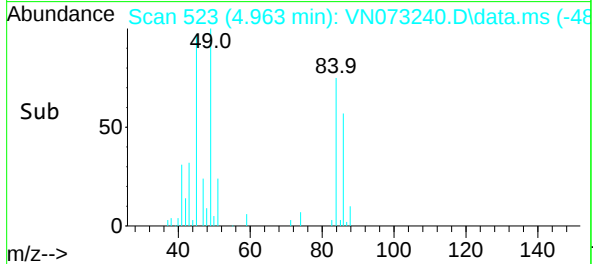
Instrument :
MSVOA_N
ClientSampleId :
TRE-1616



Tgt Ion: 84 Resp: 2088
Ion Ratio Lower Upper
84 100
49 132.5 88.3 132.5
51 32.1 28.2 42.2
86 75.7 50.6 76.0

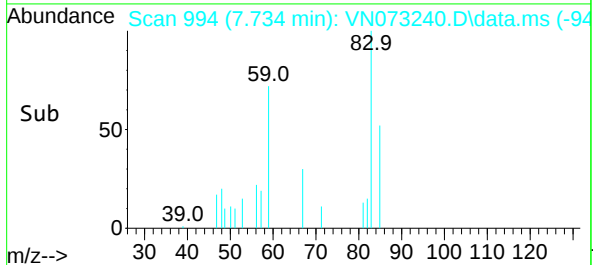
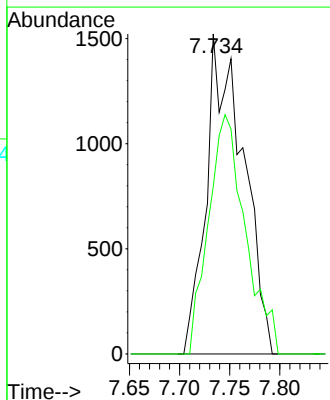
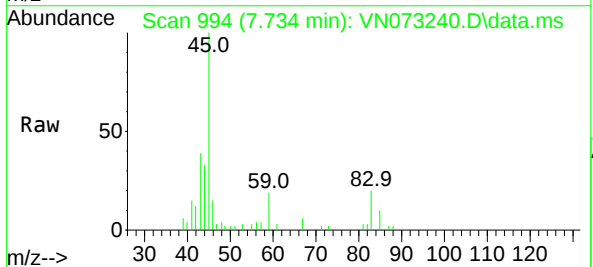
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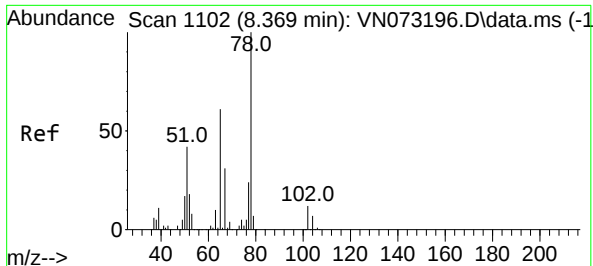
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#30
Chloroform
Concen: 0.333 ug/l
RT: 7.734 min Scan# 994
Delta R.T. -0.011 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

Tgt Ion: 83 Resp: 3896
Ion Ratio Lower Upper
83 100
85 52.2 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 37.872 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073240.D

Acq: 29 Jun 2022 14:05

Instrument :

MSVOA_N

ClientSampleId :

TRE-1616

Tgt Ion: 65 Resp: 26555

Ion Ratio Lower Upper

65 100

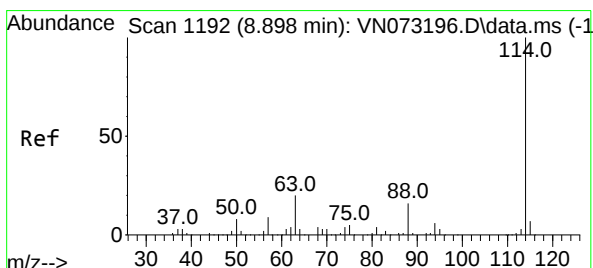
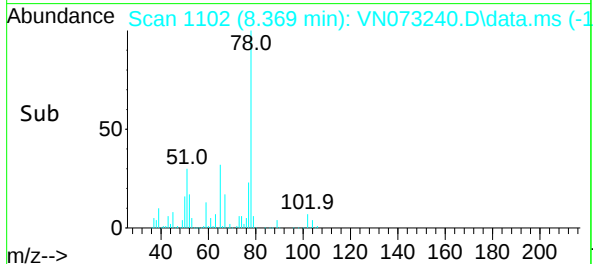
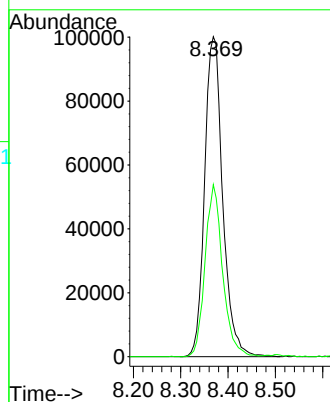
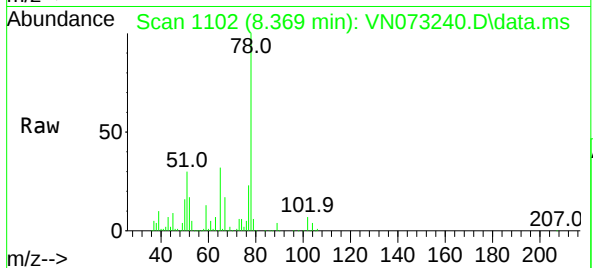
67 52.4 0.0 104.8

Manual Integrations

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Supervised By :Mahesh Dadoda 07/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073240.D

Acq: 29 Jun 2022 14:05

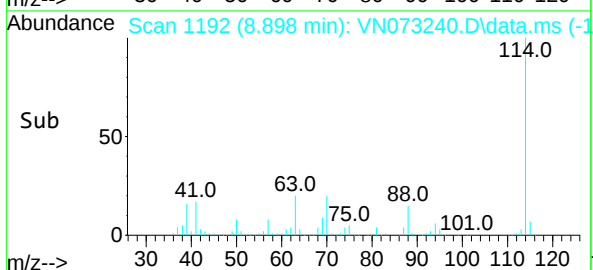
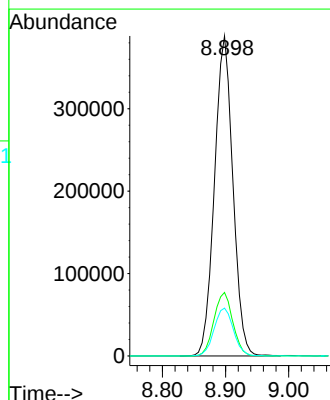
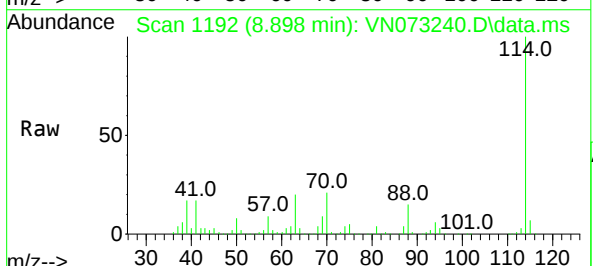
Tgt Ion:114 Resp: 785791

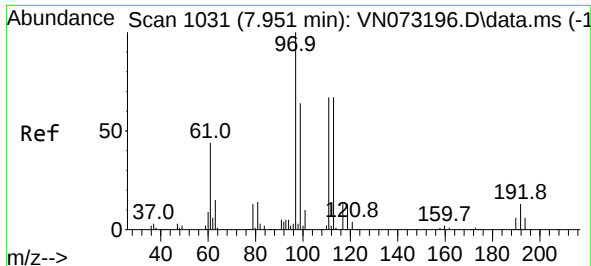
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

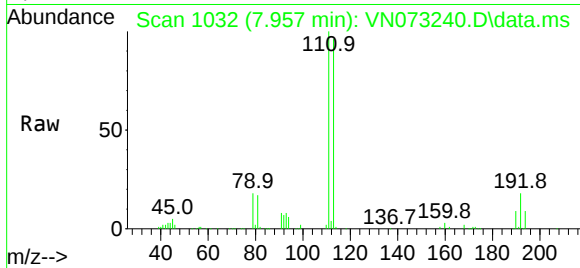
88 14.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 39.558 ug/l
RT: 7.957 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

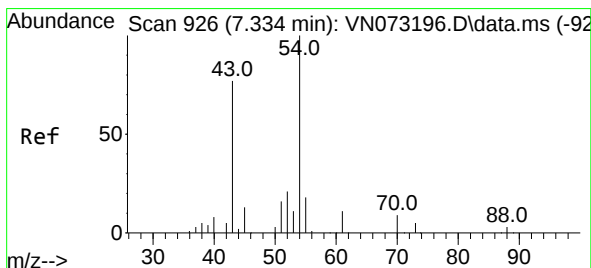
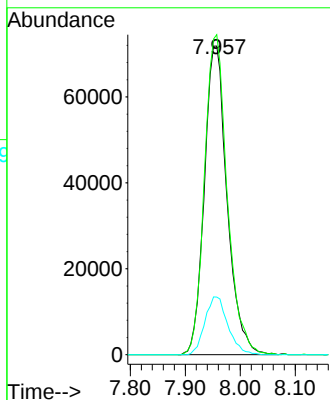
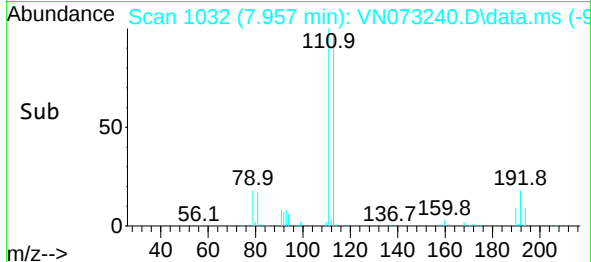
Instrument :
MSVOA_N
ClientSampleId :
TRE-1616



Tgt Ion:113 Resp: 206800
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 18.9 17.0 25.6

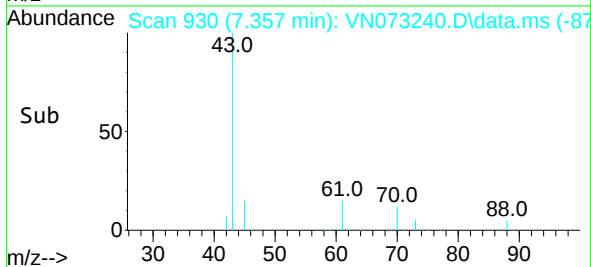
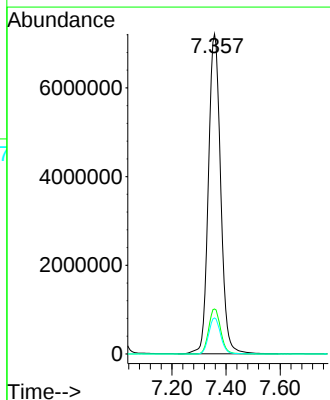
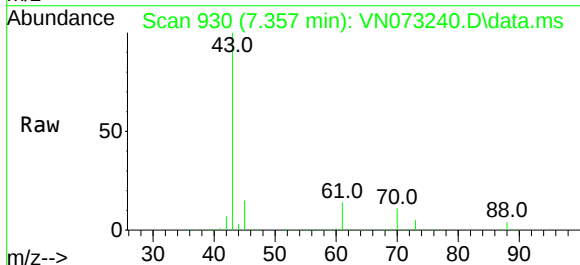
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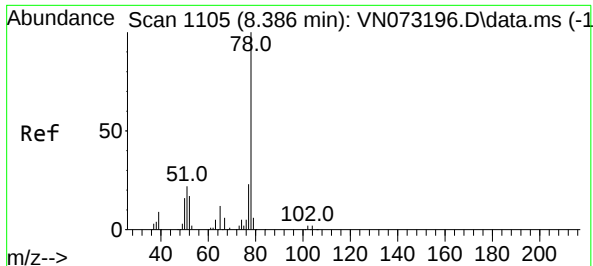
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#37
Ethyl Acetate
Concen: 1852.789 ug/l
RT: 7.357 min Scan# 930
Delta R.T. 0.023 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

Tgt Ion: 43 Resp:22520192
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 11.0 9.3 13.9





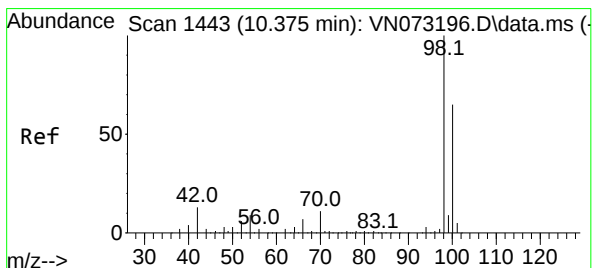
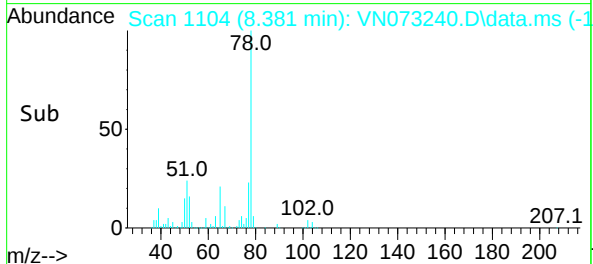
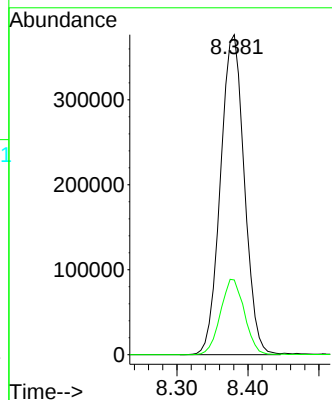
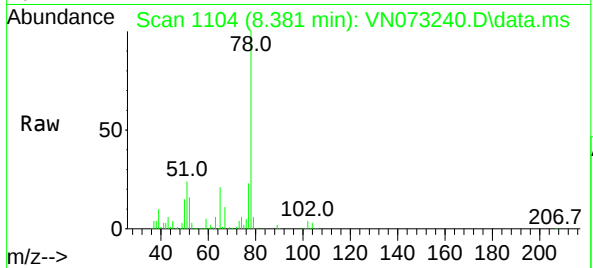
#40
Benzene
Concen: 35.348 ug/l
RT: 8.381 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

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TRE-1616

Tgt Ion: 78 Resp: 877558
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0

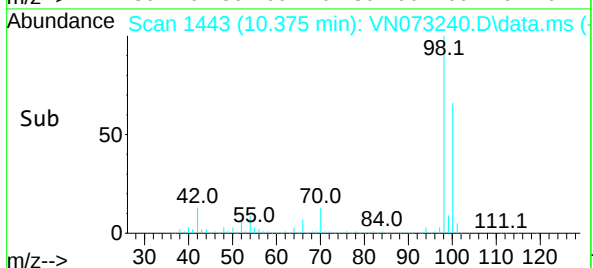
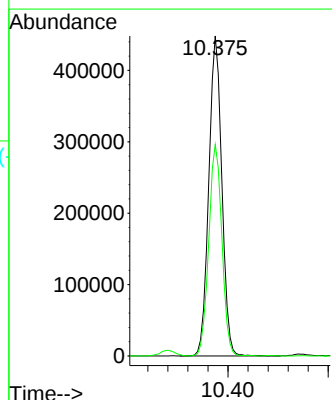
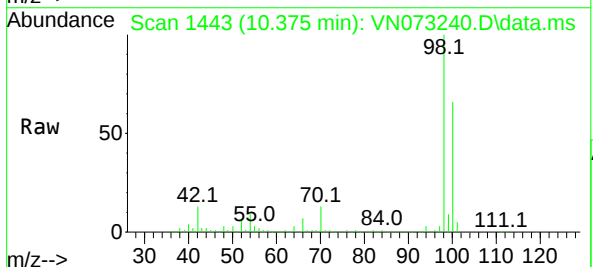
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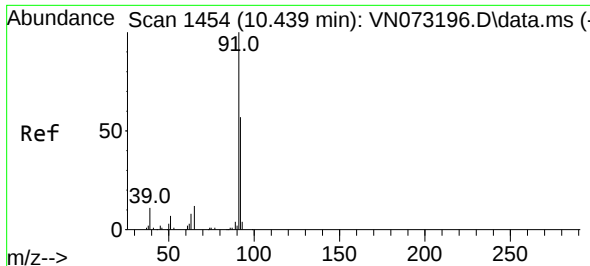
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#50
Toluene-d8
Concen: 43.576 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

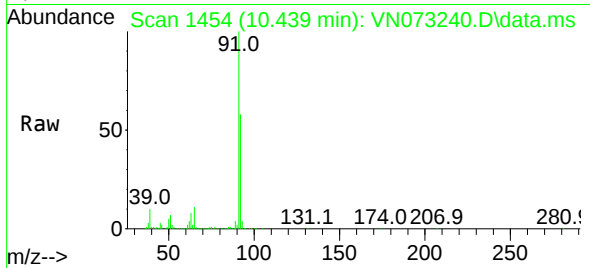
Tgt Ion: 98 Resp: 809119
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8





#52
Toluene
Concen: 75.784 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

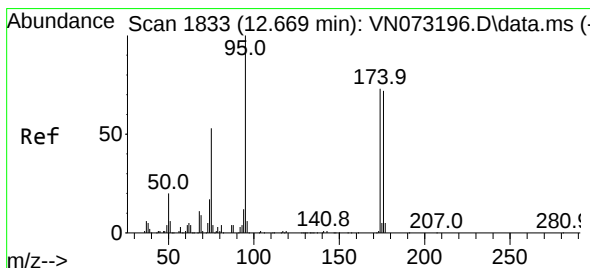
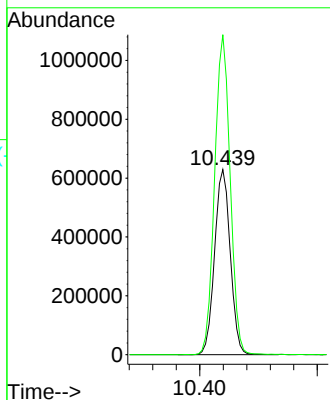
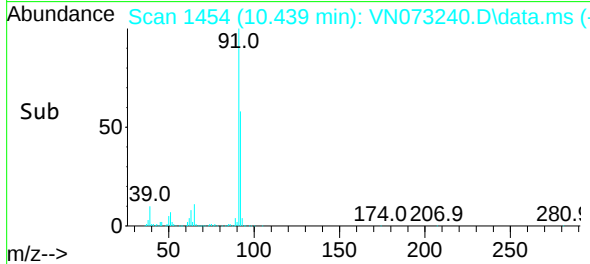
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MSVOA_N
ClientSampleId :
TRE-1616



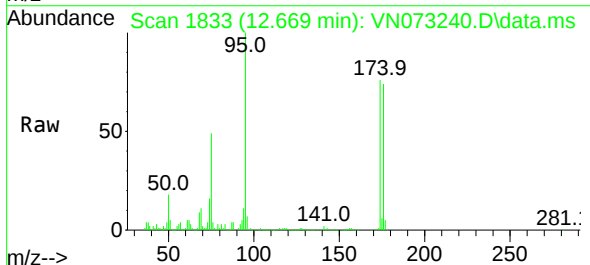
Tgt Ion: 92 Resp: 1162708
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8

Manual Integrations
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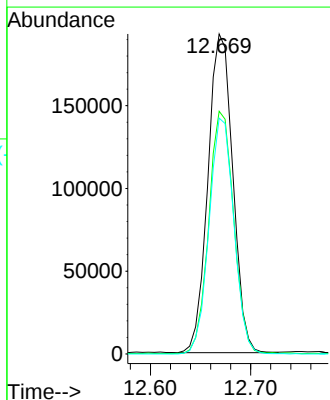
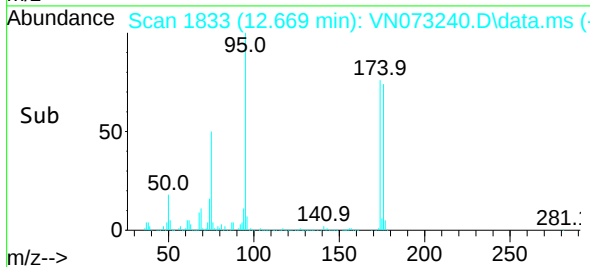
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

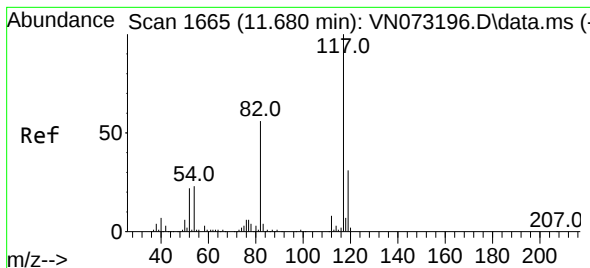


#62
4-Bromofluorobenzene
Concen: 46.564 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05



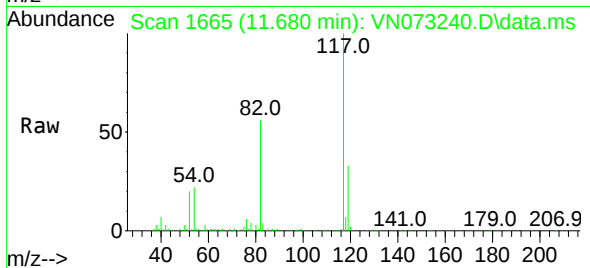
Tgt Ion: 95 Resp: 332266
Ion Ratio Lower Upper
95 100
174 76.2 0.0 167.6
176 73.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

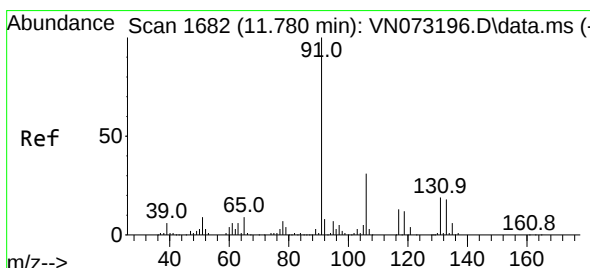
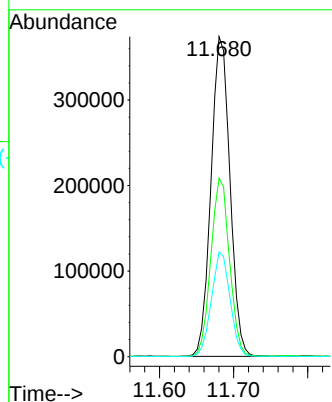
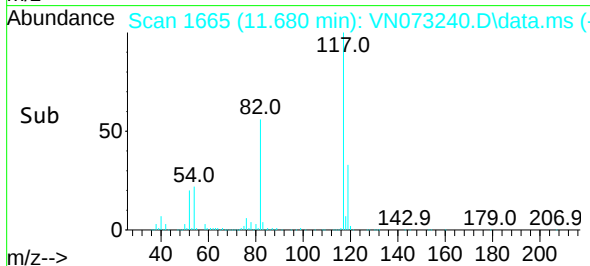
Instrument :
MSVOA_N
ClientSampleId :
TRE-1616



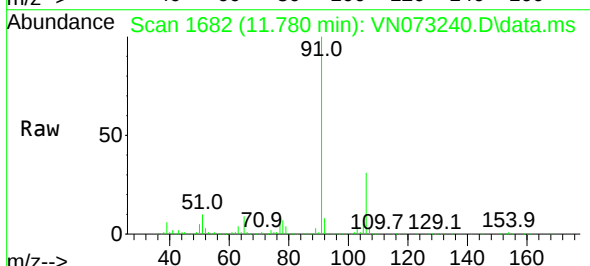
Tgt Ion:117 Resp: 66309
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.7 25.4 38.0

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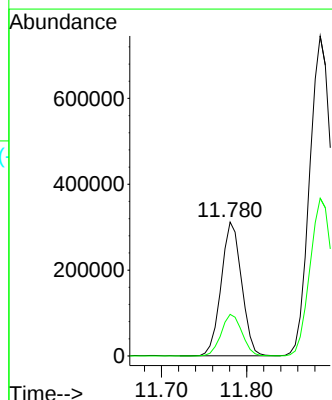
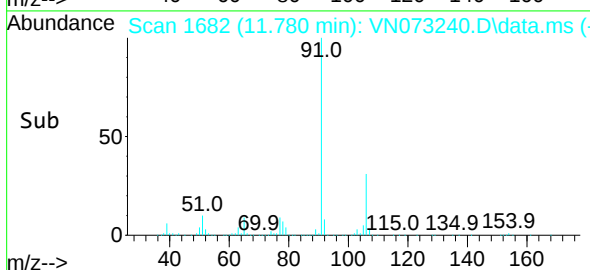
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

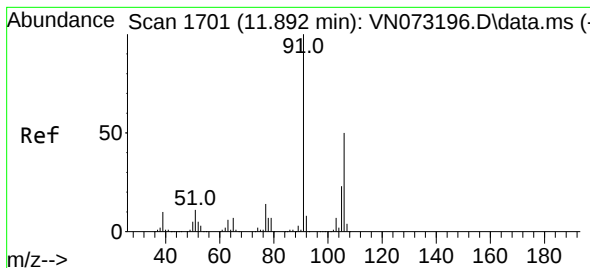


#67
Ethyl Benzene
Concen: 19.070 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05



Tgt Ion: 91 Resp: 519194
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3





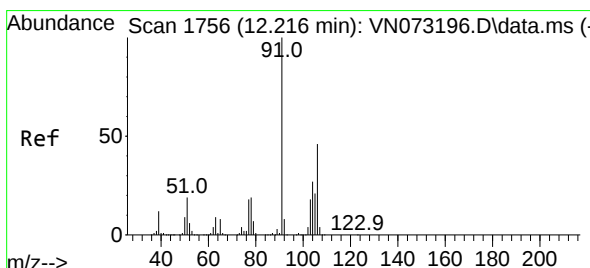
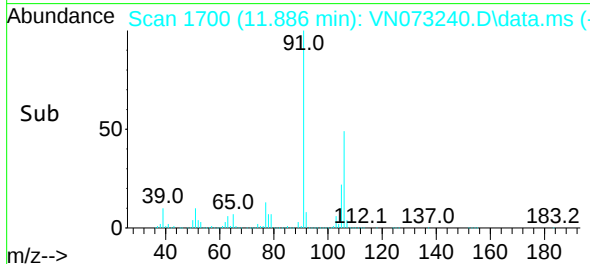
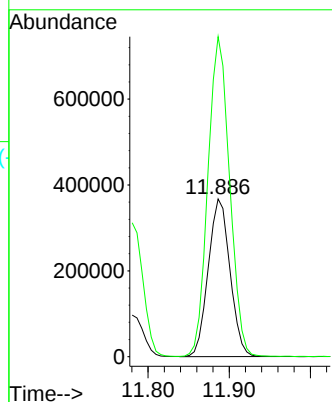
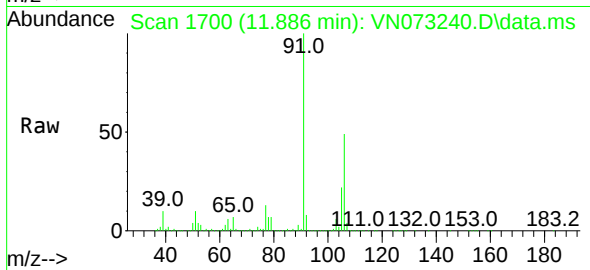
#68
m/p-Xylenes
Concen: 66.412 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
TRE-1616

Tgt Ion:106 Resp: 682390
Ion Ratio Lower Upper
106 100
91 202.2 158.9 238.3

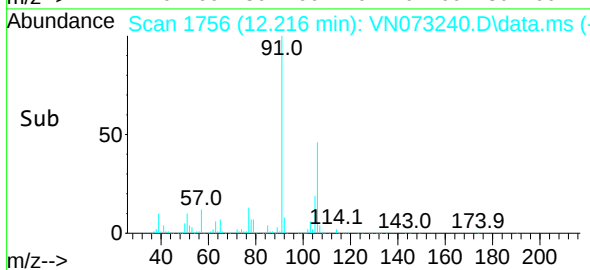
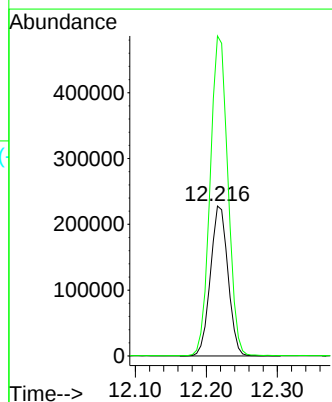
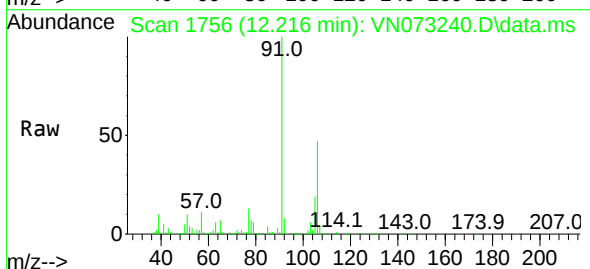
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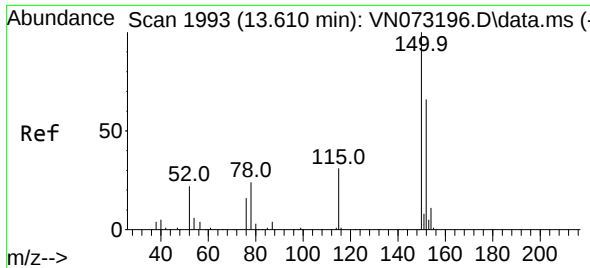
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#69
o-Xylene
Concen: 37.207 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

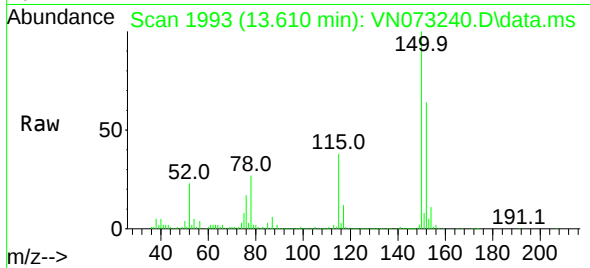
Tgt Ion:106 Resp: 390278
Ion Ratio Lower Upper
106 100
91 216.0 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

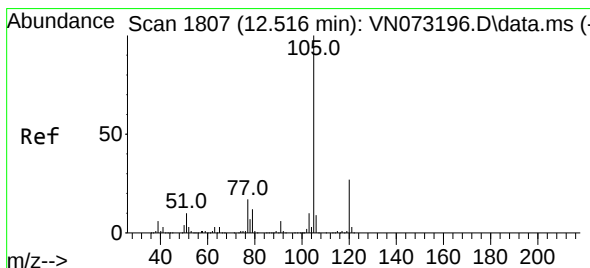
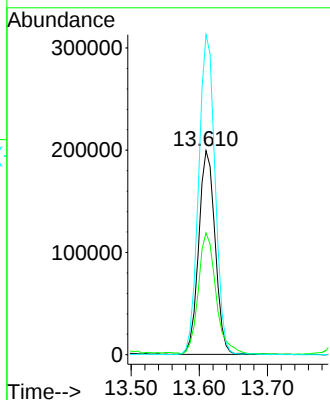
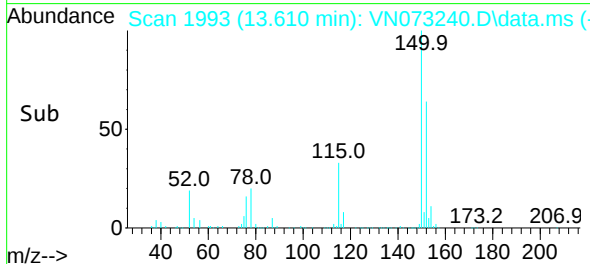
Instrument :
MSVOA_N
ClientSampleId :
TRE-1616



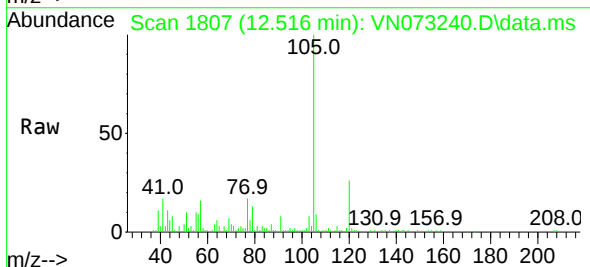
Tgt Ion:152 Resp: 333854
Ion Ratio Lower Upper
152 100
115 63.3 28.9 86.7
150 157.1 0.0 356.2

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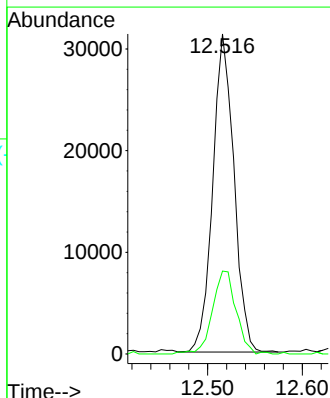
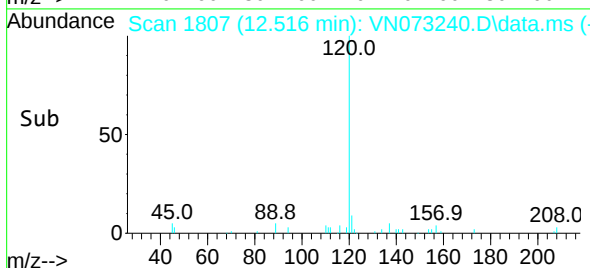
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

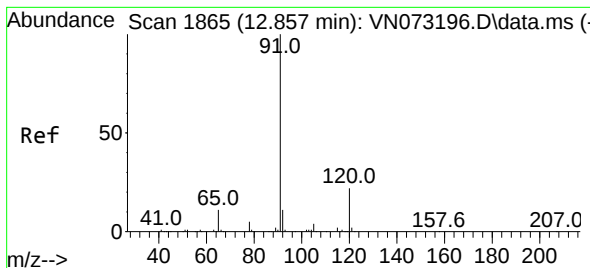


#73
Isopropylbenzene
Concen: 1.691 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05



Tgt Ion:105 Resp: 48745
Ion Ratio Lower Upper
105 100
120 29.1 13.5 40.4





#78

n-propylbenzene

Concen: 3.944 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073240.D

Acq: 29 Jun 2022 14:05

Instrument :

MSVOA_N

ClientSampleId :

TRE-1616

Tgt Ion: 91 Resp: 12633

Ion Ratio Lower Upper

91 100

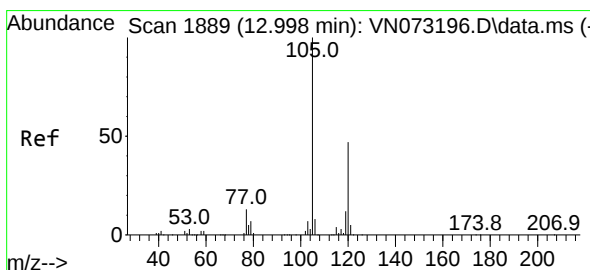
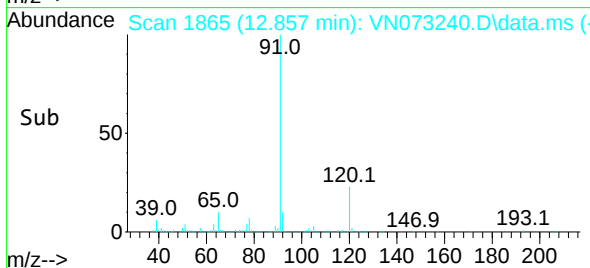
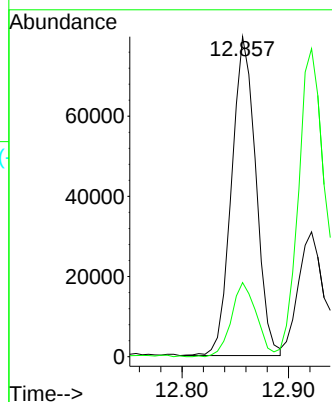
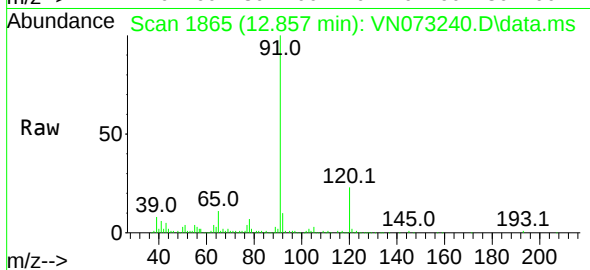
120 23.9 11.9 35.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#80

1,3,5-Trimethylbenzene

Concen: 6.860 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073240.D

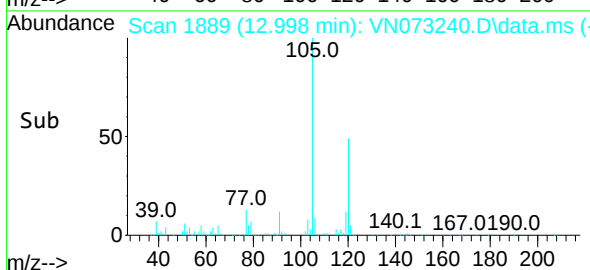
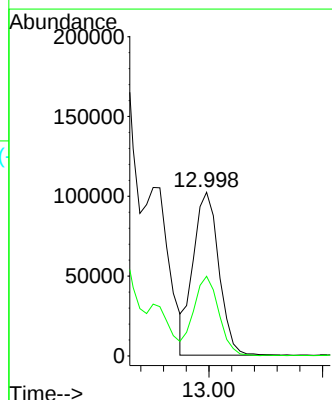
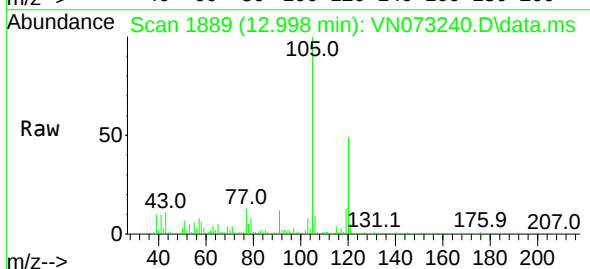
Acq: 29 Jun 2022 14:05

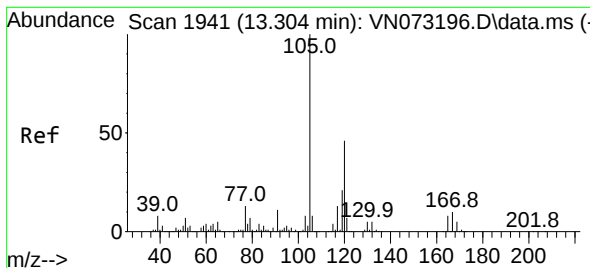
Tgt Ion:105 Resp: 161190

Ion Ratio Lower Upper

105 100

120 47.8 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 32.507 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073240.D

Acq: 29 Jun 2022 14:05

Instrument :

MSVOA_N

ClientSampleId :

TRE-1616

Tgt Ion:105 Resp: 76265

Ion Ratio Lower Upper

105 100

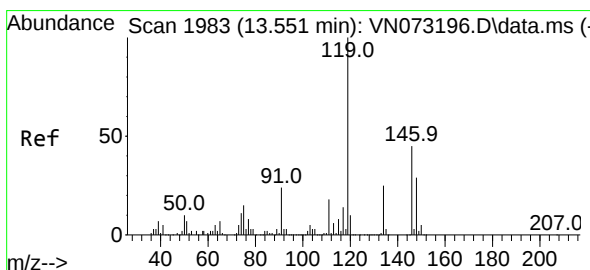
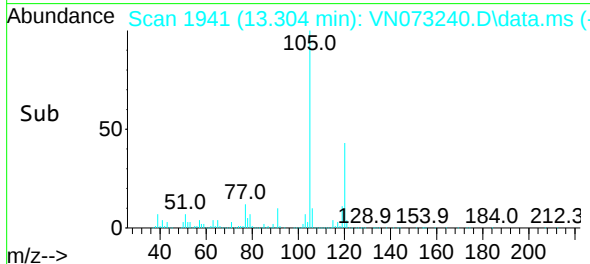
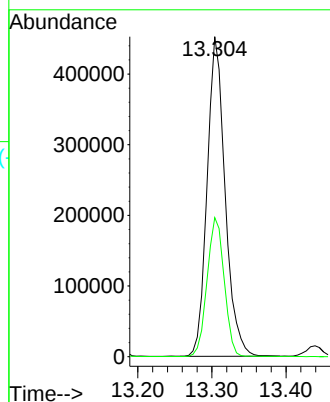
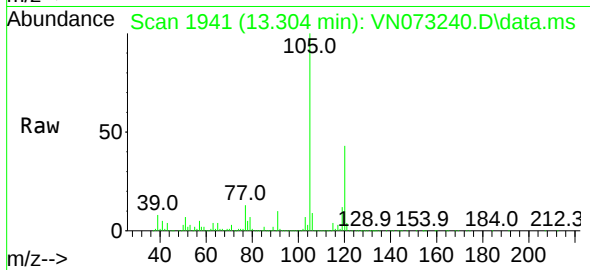
120 41.3 23.3 69.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#86

p-Isopropyltoluene

Concen: 1.028 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073240.D

Acq: 29 Jun 2022 14:05

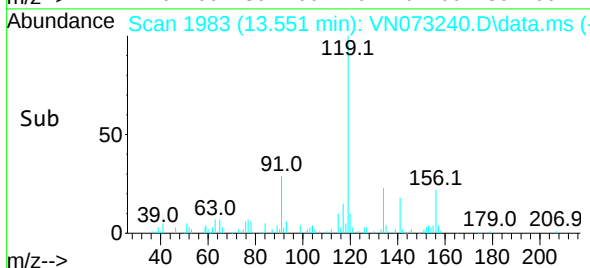
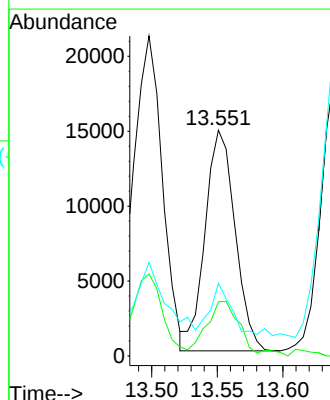
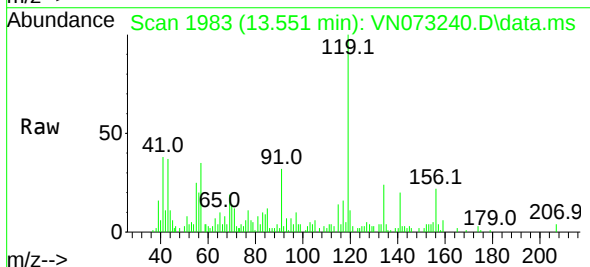
Tgt Ion:119 Resp: 23485

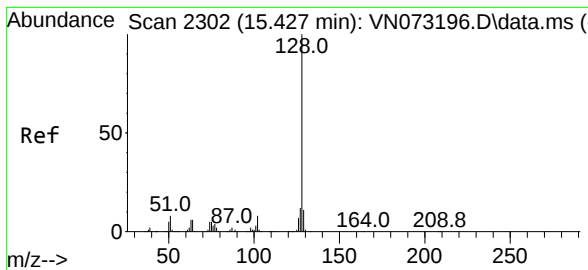
Ion Ratio Lower Upper

119 100

134 28.0 13.3 39.8

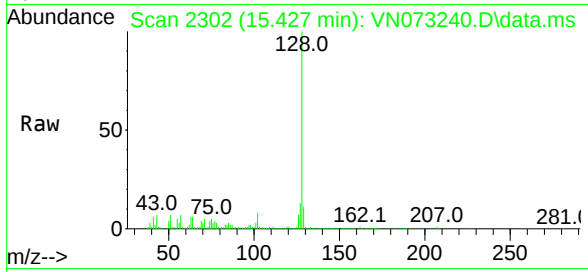
91 16.7 11.3 33.9





#95
Naphthalene
Concen: 17.714 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073240.D
Acq: 29 Jun 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
TRE-1616



Tgt Ion:128 Resp: 455792
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

