

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079030.D
 Acq On : 24 Aug 2023 14:41
 Operator : JC\MD
 Sample : 04047-01 20X
 Misc : 7.07g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB05-Z26-27

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 25 01:14:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	219837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	415633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	394789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	166712	48.734	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.460%		
35) Dibromofluoromethane	8.177	113	140055	50.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.120%		
50) Toluene-d8	10.571	98	504077	48.522	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.040%		
62) 4-Bromofluorobenzene	12.853	95	199876	58.863	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	117.720%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.230	56	18911	1.891	ug/l #	65
39) Methylcyclohexane	9.600	83	49347	12.749	ug/l #	88
40) Benzene	8.612	78	2202424	177.047	ug/l	100
52) Toluene	10.635	92	20139	2.637	ug/l	92
67) Ethyl Benzene	11.970	91	4065486	266.028	ug/l	98
68) m/p-Xylenes	12.076	106	825476	144.473	ug/l	97
69) o-Xylene	12.400	106	441211	79.381	ug/l	97
73) Isopropylbenzene	12.700	105	261794	15.867	ug/l	100
78) n-propylbenzene	13.041	91	110825	5.792	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	255323	19.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	928810	71.739	ug/l	97
86) p-Isopropyltoluene	13.735	119	84991m	7.036	ug/l	

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

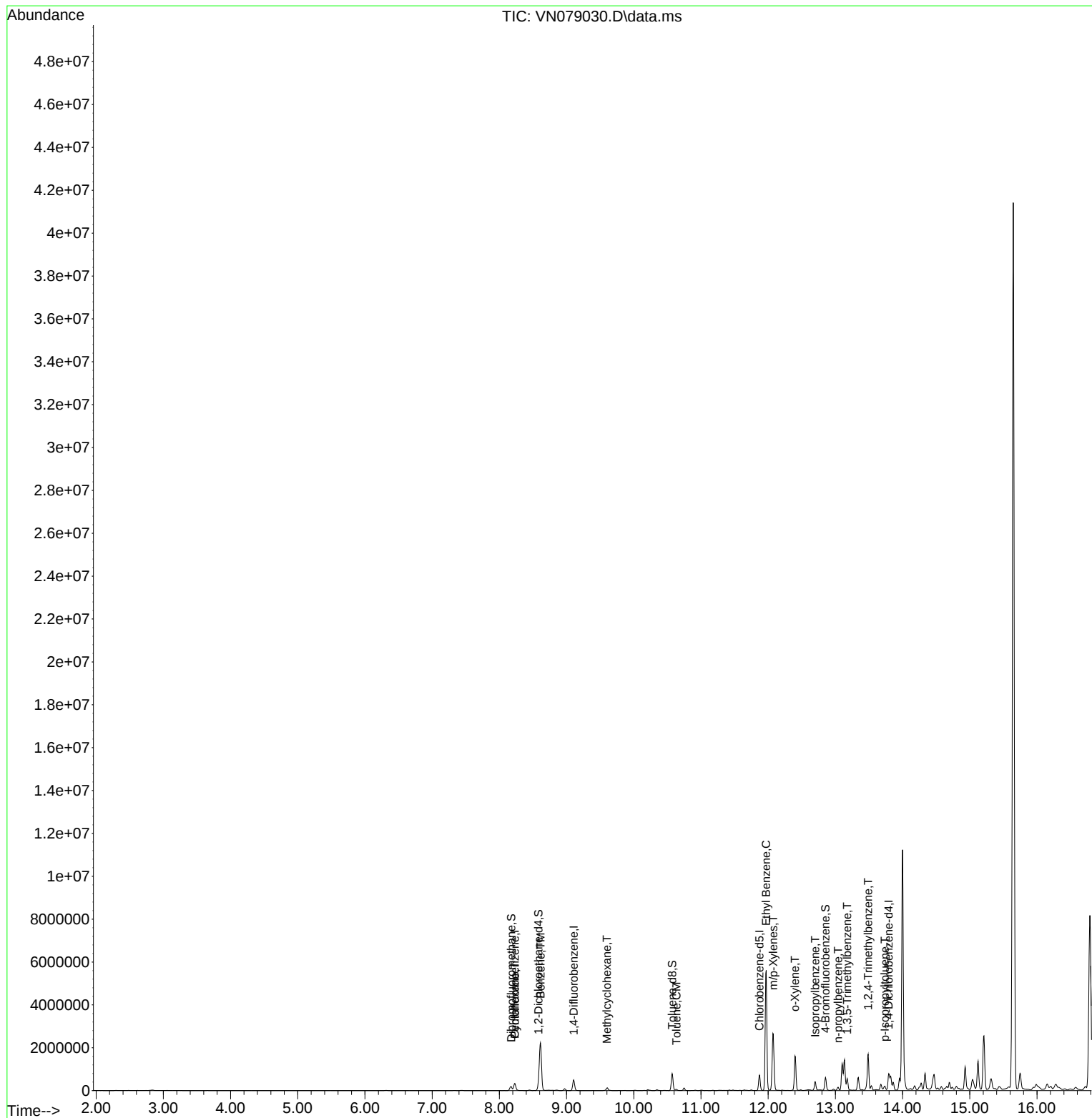
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
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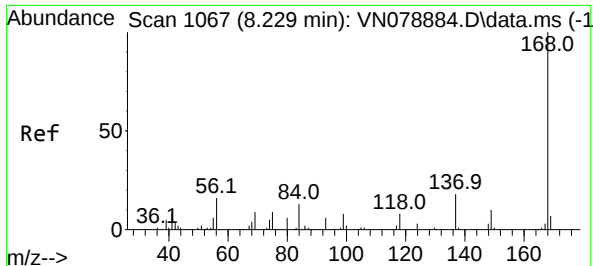
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ClientSampleId :
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Quant Time: Aug 25 01:14:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
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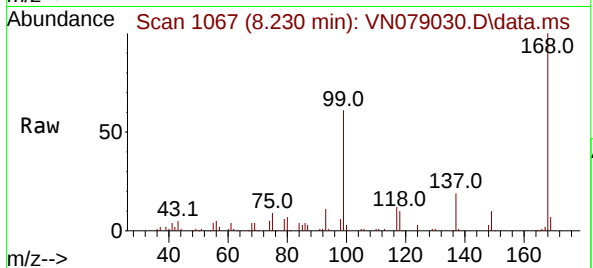
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

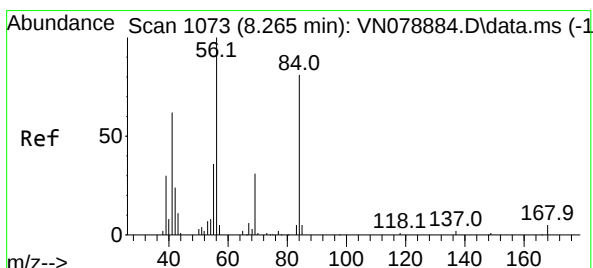
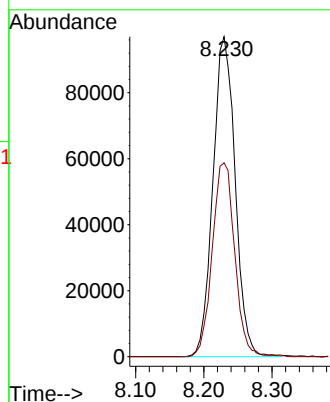
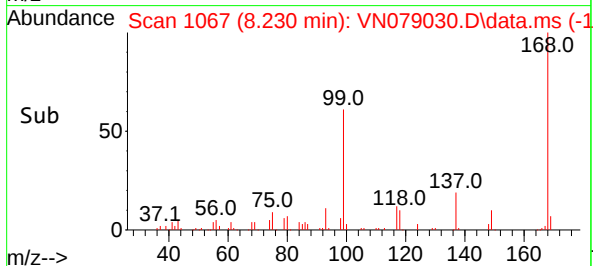
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z26-27



Tgt Ion:168 Resp: 21983
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6

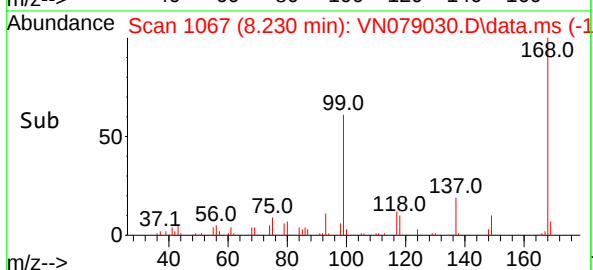
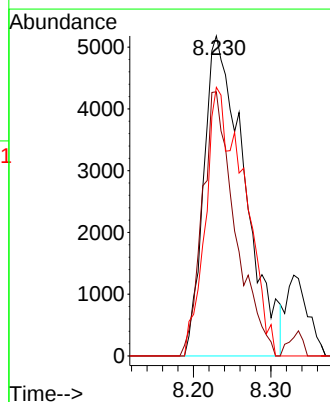
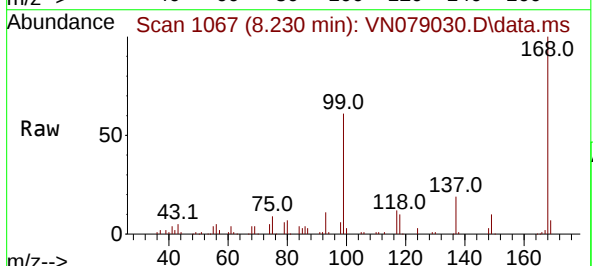
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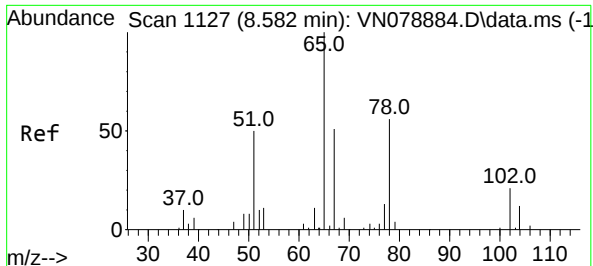
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#31
Cyclohexane
Concen: 1.891 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

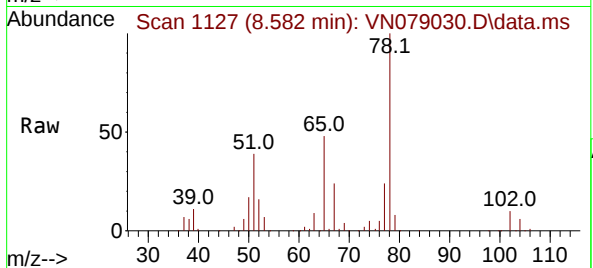
Tgt Ion: 56 Resp: 18911
Ion Ratio Lower Upper
56 100
69 82.5 26.8 40.2#
84 84.0 81.8 122.6





#33
1,2-Dichloroethane-d4
Concen: 48.734 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

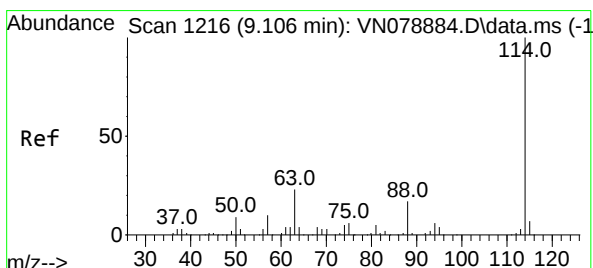
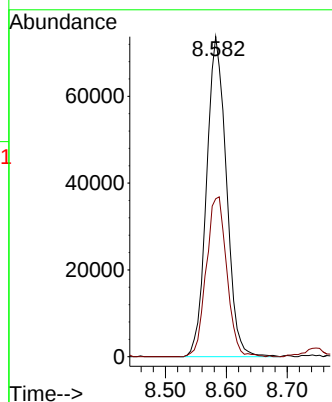
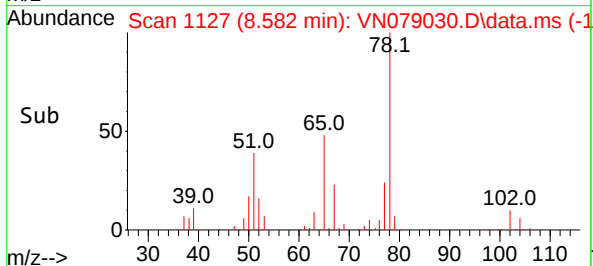
Instrument :
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NEVINS-SB05-Z26-27



Tgt Ion: 65 Resp: 166712
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

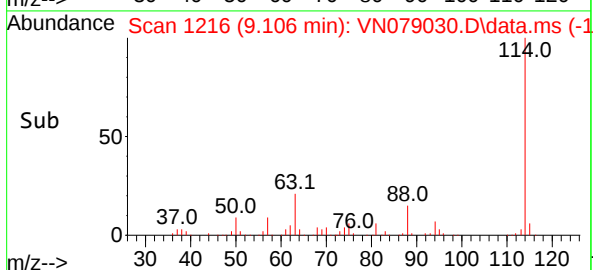
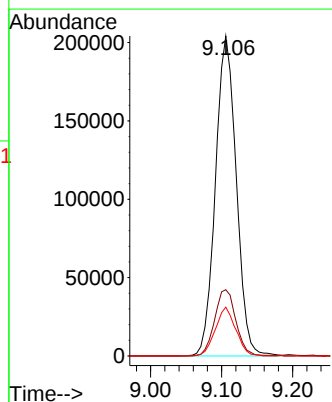
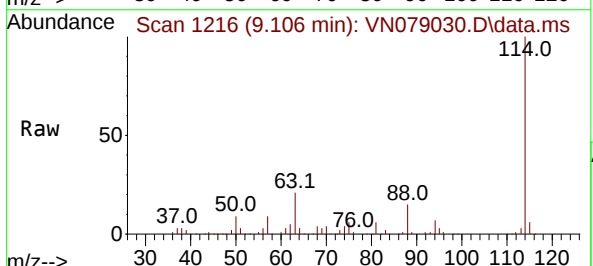
Manual Integrations
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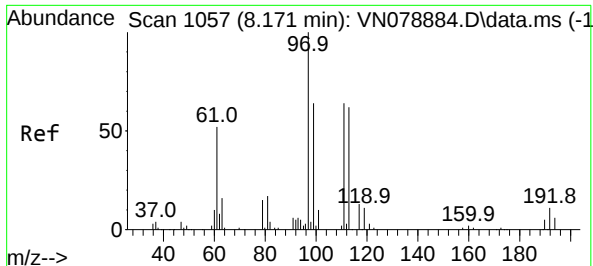
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion:114 Resp: 415633
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.059 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB05-Z26-27

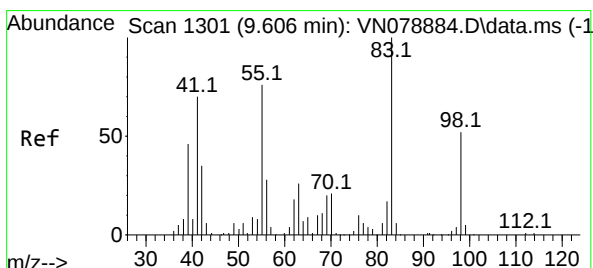
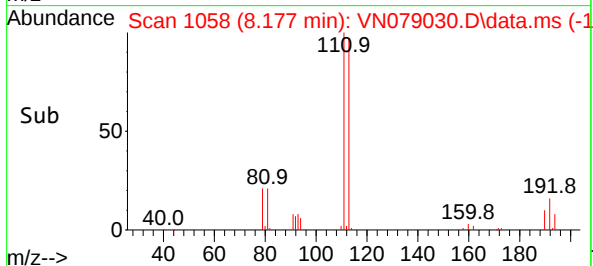
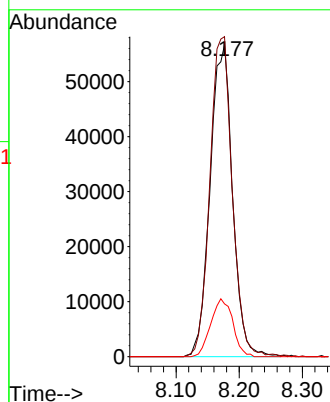
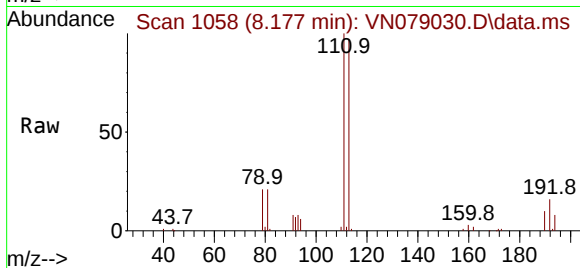
Tgt Ion: 113 Resp: 14005

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	18.2	12.7	19.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#39

Methylcyclohexane

Concen: 12.749 ug/l

RT: 9.600 min Scan# 1300

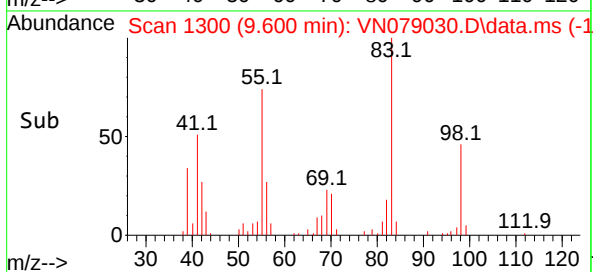
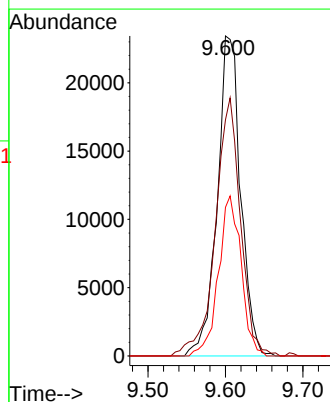
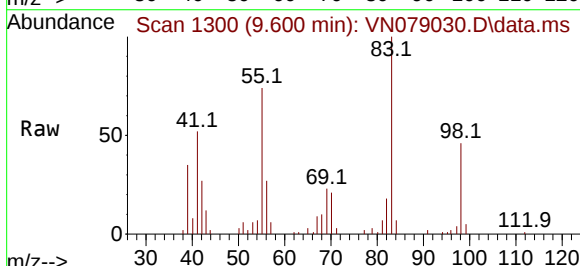
Delta R.T. -0.006 min

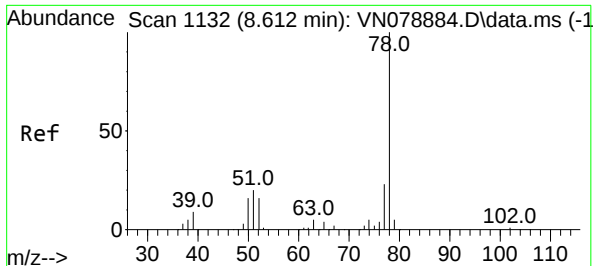
Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Tgt Ion: 83 Resp: 49347

Ion	Ratio	Lower	Upper
83	100		
55	73.8	49.1	73.7#
98	46.4	40.6	61.0





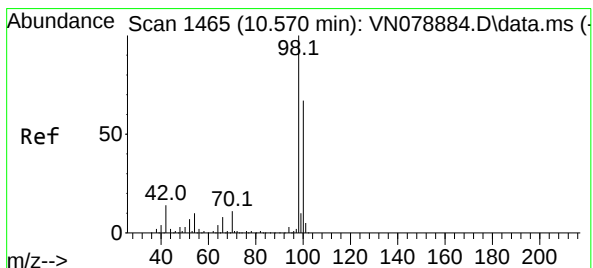
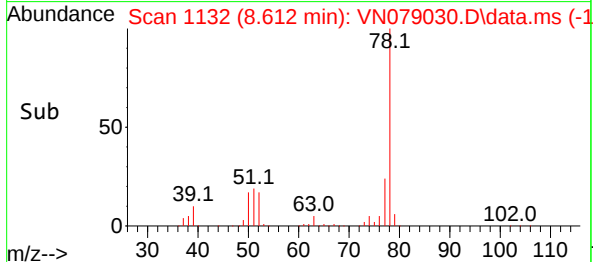
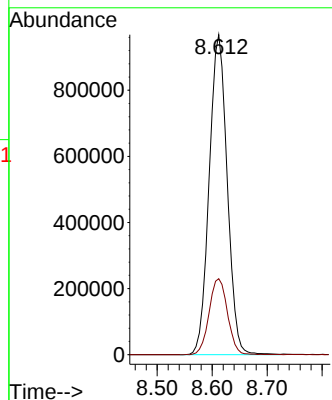
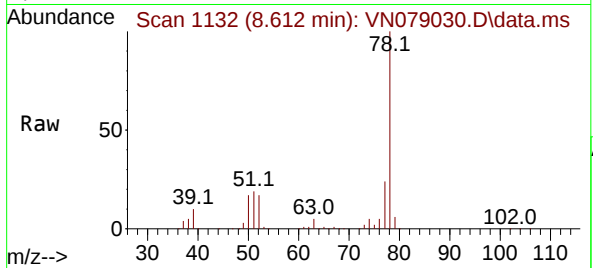
#40
Benzene
Concen: 177.047 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z26-27

Tgt Ion: 78 Resp: 2202424
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

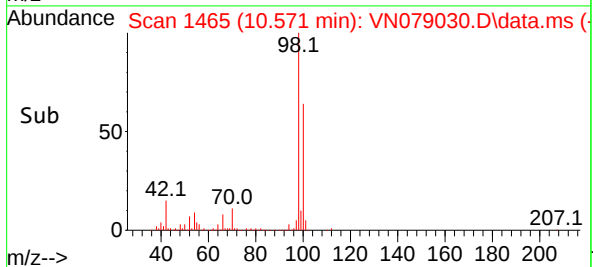
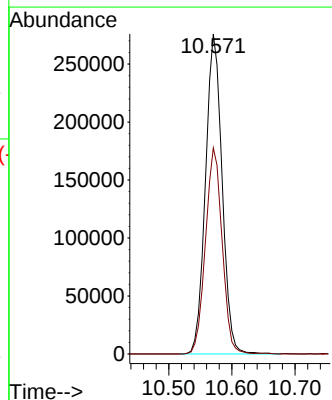
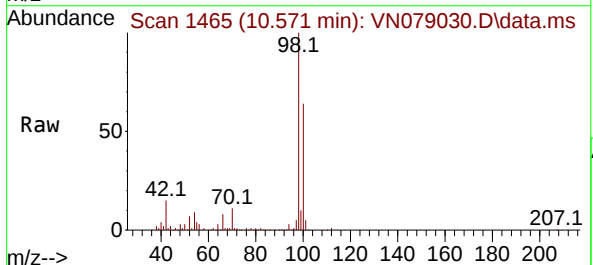
Manual Integrations
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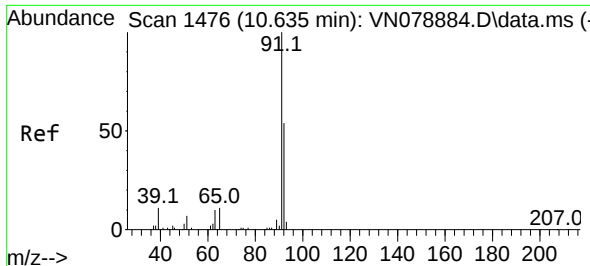
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#50
Toluene-d8
Concen: 48.522 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

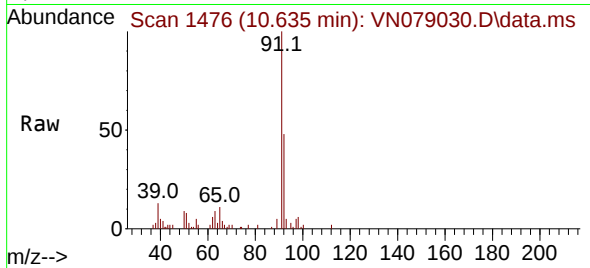
Tgt Ion: 98 Resp: 504077
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#52
Toluene
Concen: 2.637 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

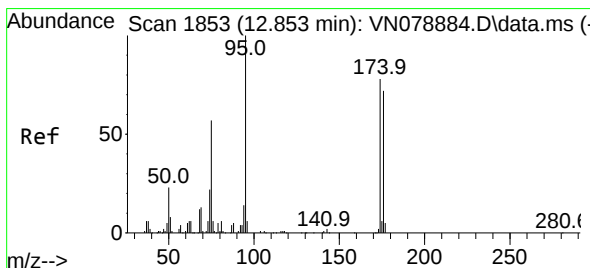
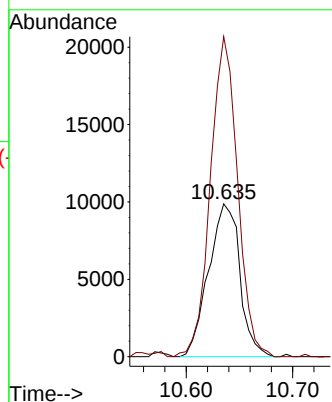
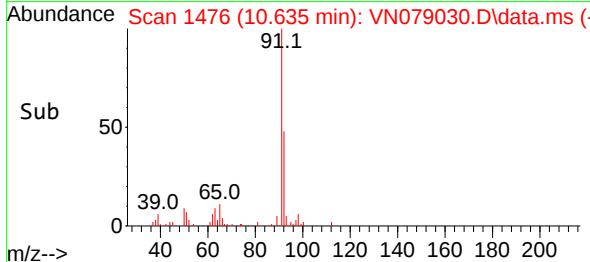
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z26-27



Tgt Ion: 92 Resp: 20139
Ion Ratio Lower Upper
92 100
91 182.2 137.4 206.0

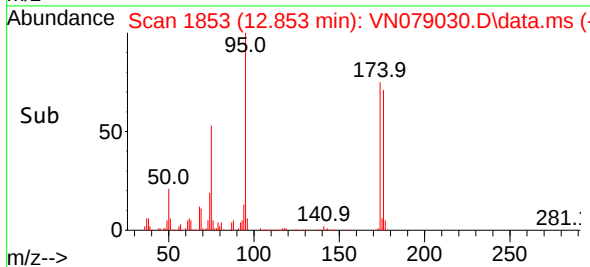
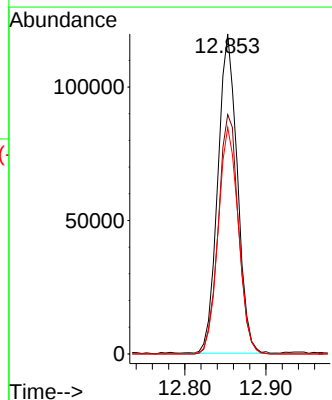
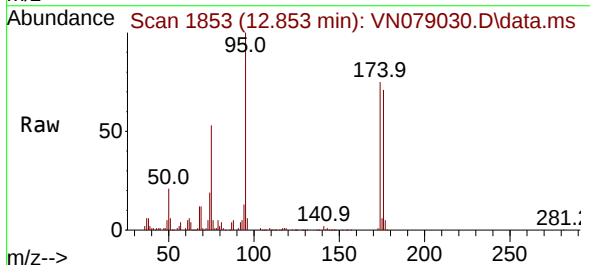
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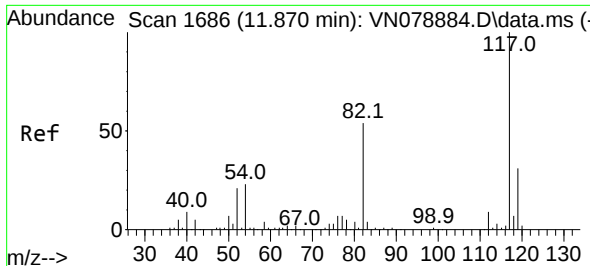
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#62
4-Bromofluorobenzene
Concen: 58.863 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

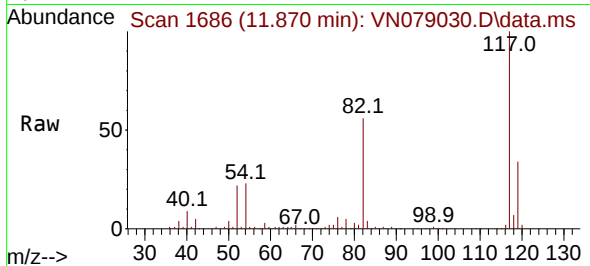
Tgt Ion: 95 Resp: 199876
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 73.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

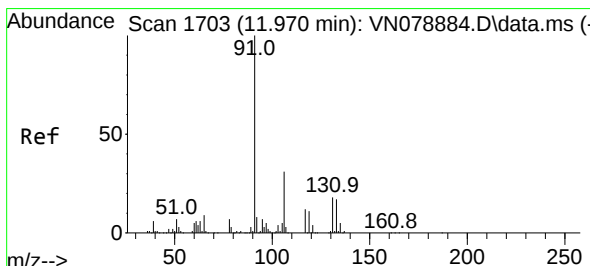
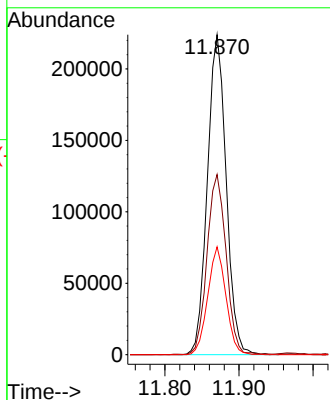
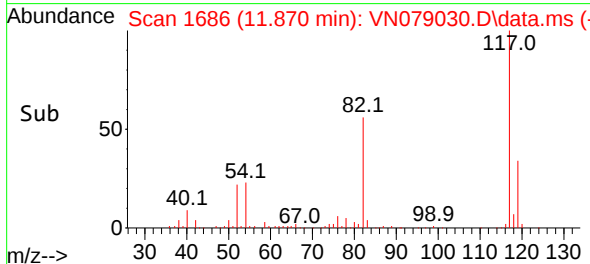
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z26-27



Tgt Ion: 117 Resp: 394789
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 33.7 25.6 38.4

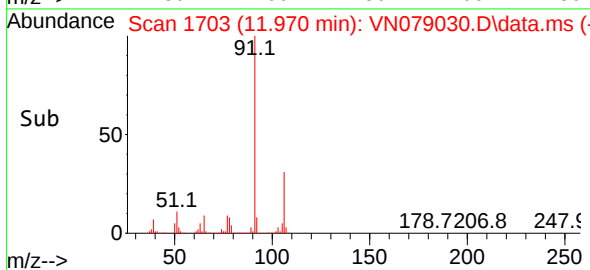
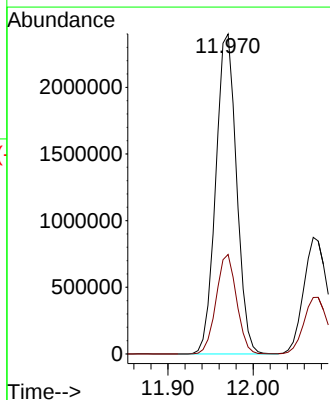
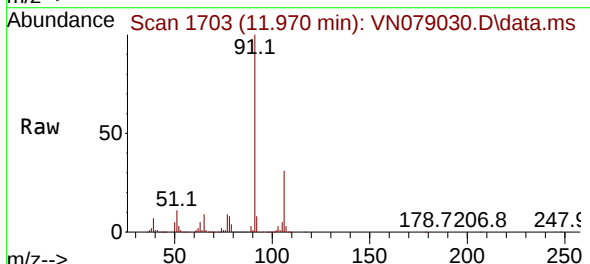
Manual Integrations
APPROVED

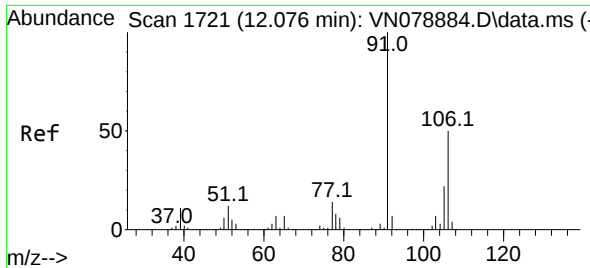
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#67
Ethyl Benzene
Concen: 266.028 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

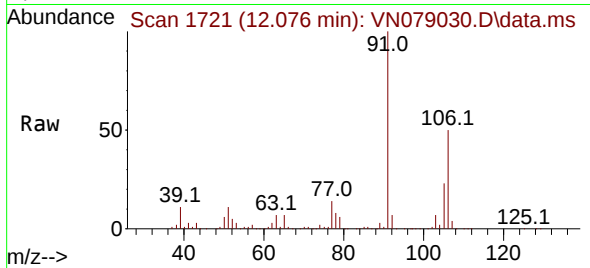
Tgt Ion: 91 Resp: 4065486
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4





#68
m/p-Xylenes
Concen: 144.473 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

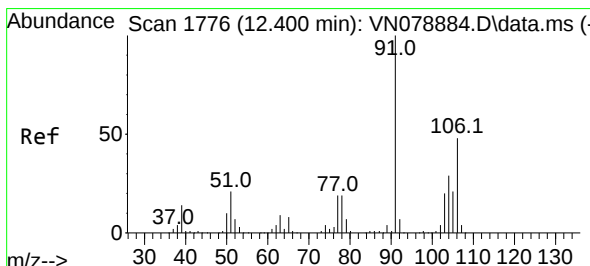
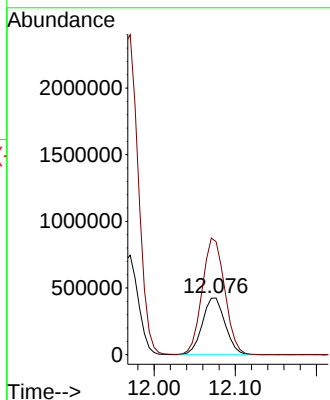
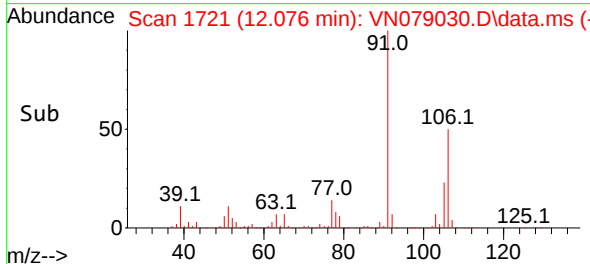
Instrument :
MSVOA_N
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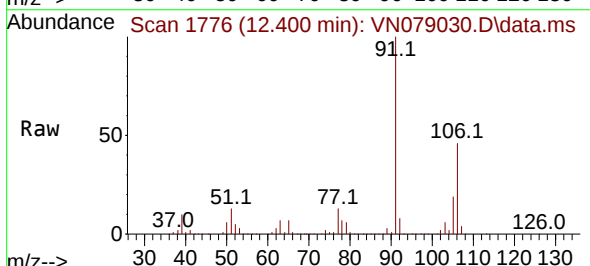
Tgt Ion:106 Resp: 825470
Ion Ratio Lower Upper
106 100
91 204.2 159.6 239.4

Manual Integrations
APPROVED

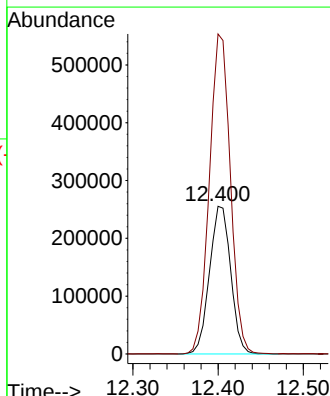
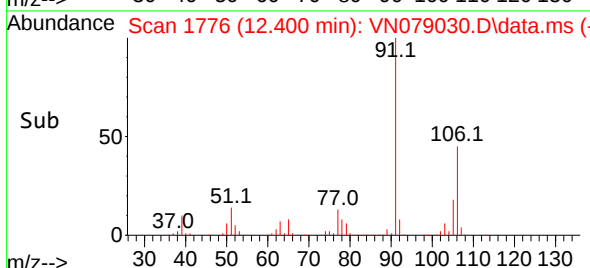
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

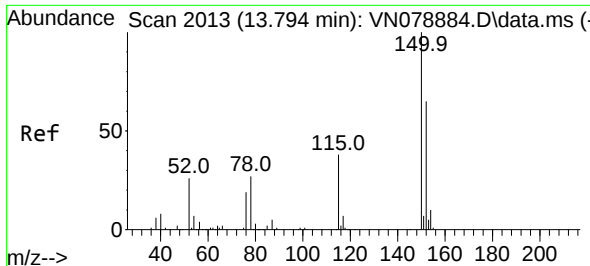


#69
o-Xylene
Concen: 79.381 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41



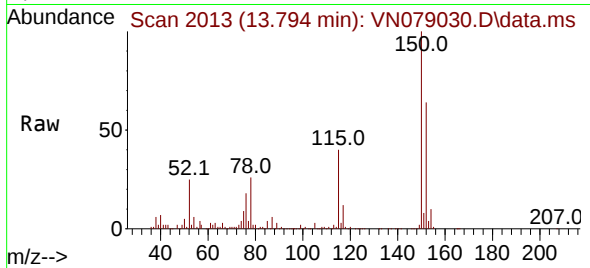
Tgt Ion:106 Resp: 441211
Ion Ratio Lower Upper
106 100
91 214.9 105.2 315.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

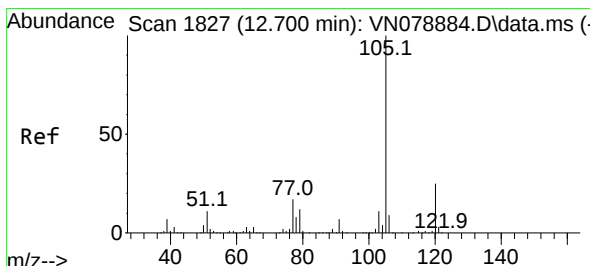
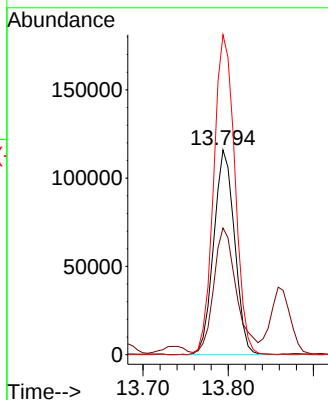
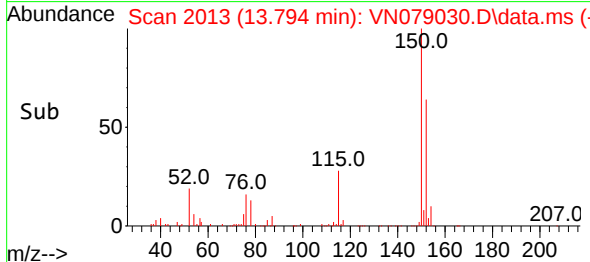
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z26-27



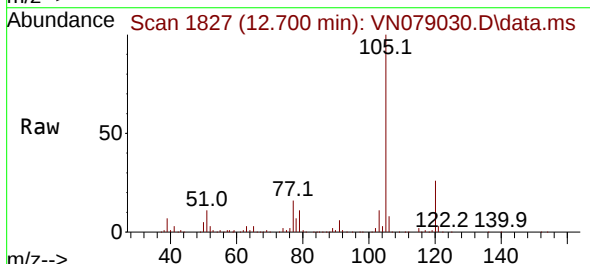
Tgt Ion:152 Resp: 19788
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 158.6 0.0 355.8

Manual Integrations
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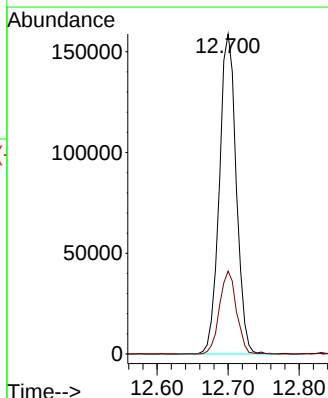
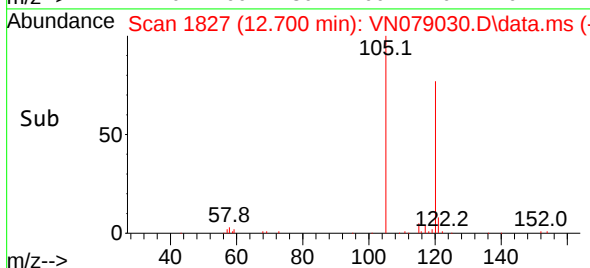
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

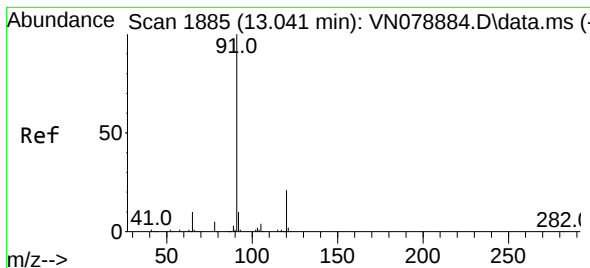


#73
Isopropylbenzene
Concen: 15.867 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41



Tgt Ion:105 Resp: 261794
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1





#78

n-propylbenzene

Concen: 5.792 ug/l

RT: 13.041 min Scan# 11082

Delta R.T. -0.000 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB05-Z26-27

Tgt Ion: 91 Resp: 11082

Ion Ratio Lower Upper

91 100

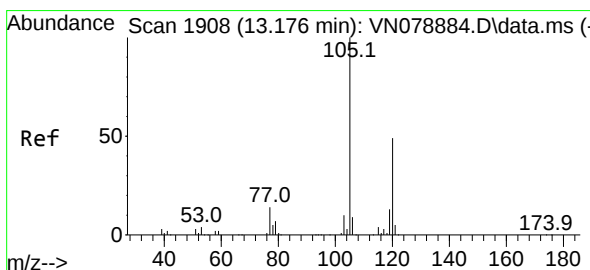
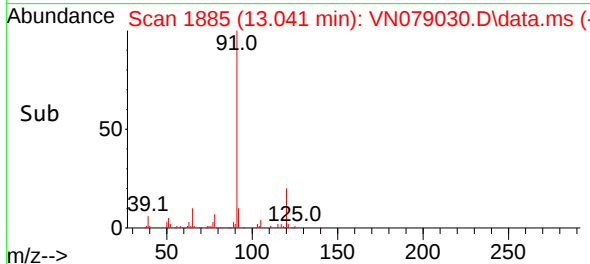
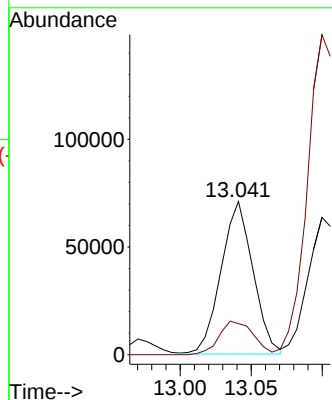
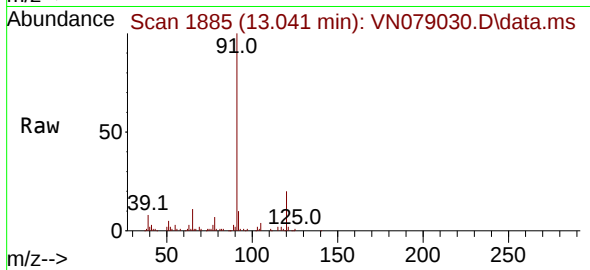
120 23.5 11.5 34.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/25/2023

Supervised By :Semsettin Yesilyurt 08/25/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.527 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079030.D

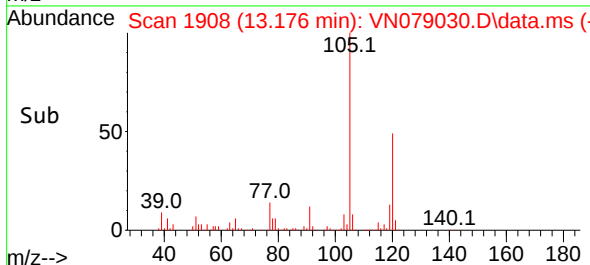
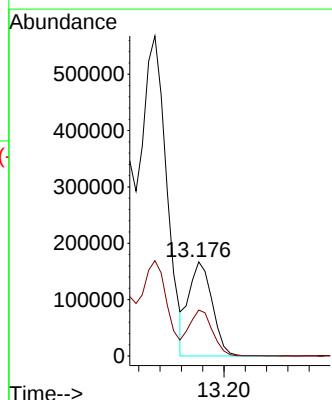
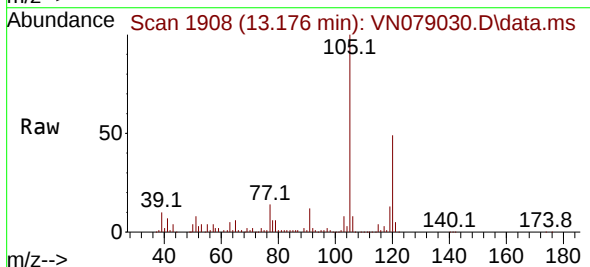
Acq: 24 Aug 2023 14:41

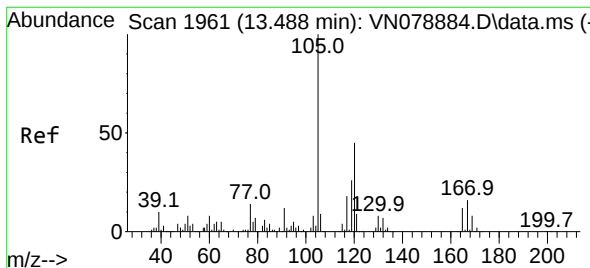
Tgt Ion:105 Resp: 255323

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 71.739 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB05-Z26-27

Tgt Ion:105 Resp: 928810

Ion Ratio Lower Upper

105 100

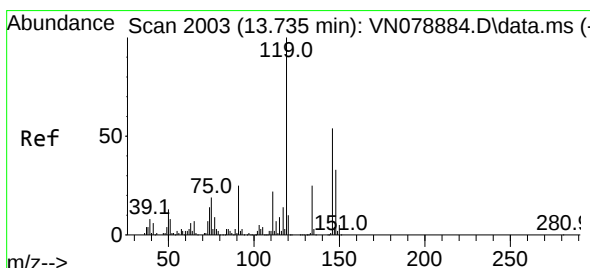
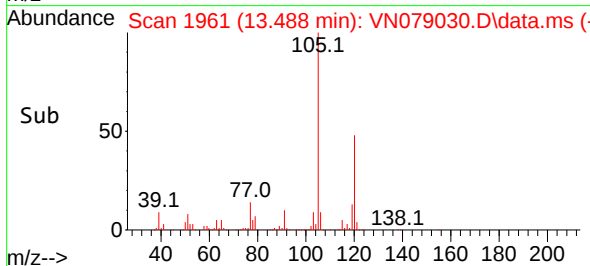
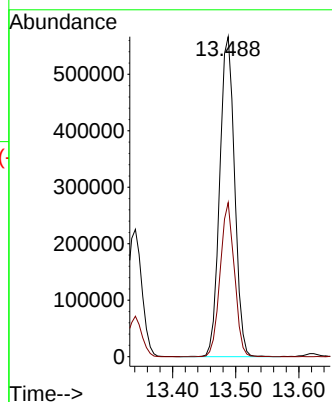
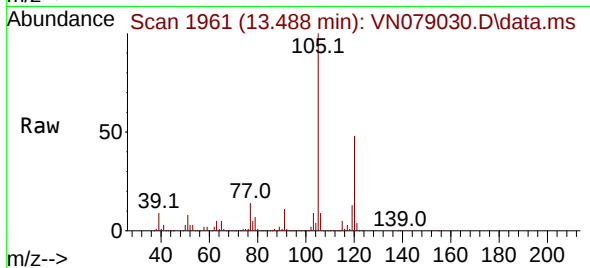
120 46.1 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023

Supervised By :Semsettin Yesilyurt 08/25/2023



#86

p-Isopropyltoluene

Concen: 7.036 ug/l m

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Tgt Ion:119 Resp: 84991

Ion Ratio Lower Upper

119 100

134 42.5 12.6 37.8#

91 36.5 12.4 37.2

