

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079036.D
 Acq On : 24 Aug 2023 17:06
 Operator : JC\MD
 Sample : 04093-02 20X
 Misc : 6.51g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB04-Z52-53

Manual Integrations
 APPROVED

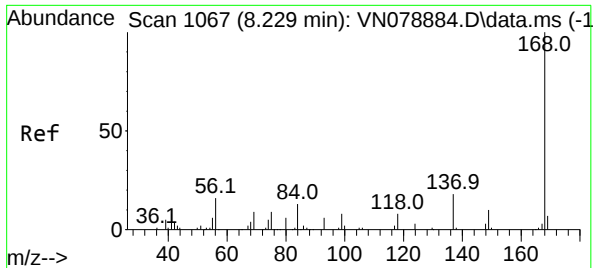
Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 25 02:55:58 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)

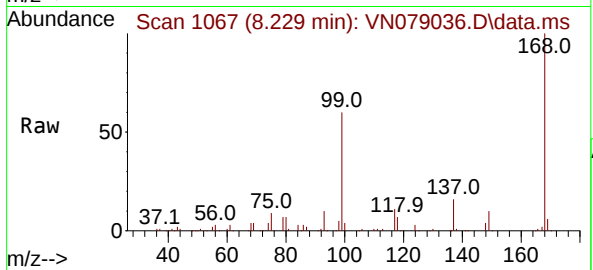
Internal Standards						
1) Pentafluorobenzene	8.229	168	271160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	466419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	187559	44.451	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.900%		
35) Dibromofluoromethane	8.171	113	157824	47.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.700%		
50) Toluene-d8	10.571	98	583083	47.607	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.220%		
62) 4-Bromofluorobenzene	12.853	95	233566	58.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.680%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.606	83	10249	2.246	ug/l	90
40) Benzene	8.612	78	1452767	99.056	ug/l	100
52) Toluene	10.635	92	17924	1.991	ug/l	99
67) Ethyl Benzene	11.970	91	8008280	443.550	ug/l	99
68) m/p-Xylenes	12.070	106	1246124	184.600	ug/l	98
69) o-Xylene	12.400	106	877757	133.670	ug/l	96
73) Isopropylbenzene	12.700	105	657765	34.338	ug/l	99
78) n-propylbenzene	13.041	91	294381	13.253	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	617001	40.646	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	2341738	155.795	ug/l	98
86) p-Isopropyltoluene	13.735	119	210424m	15.005	ug/l	

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

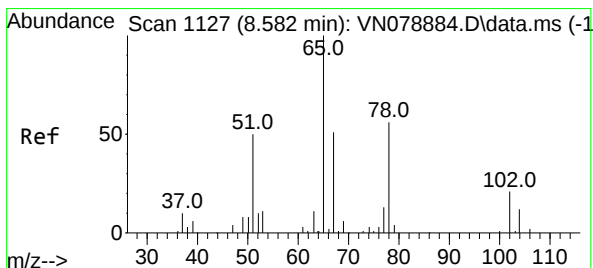
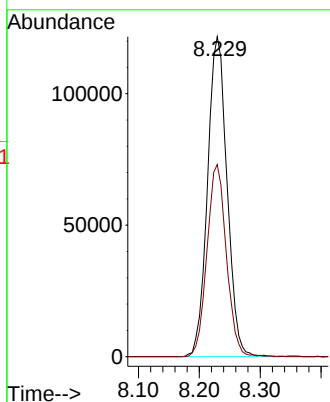
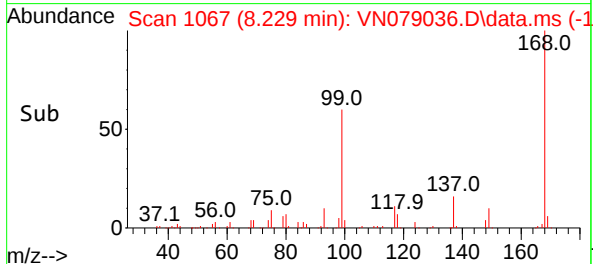
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z52-53



Tgt Ion:168 Resp: 271160
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6

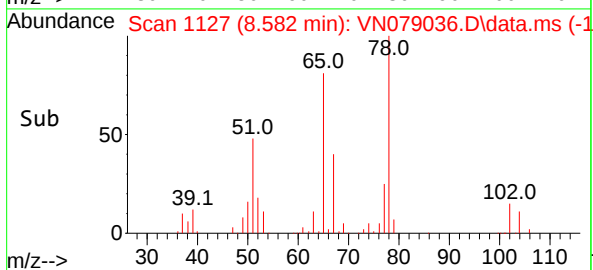
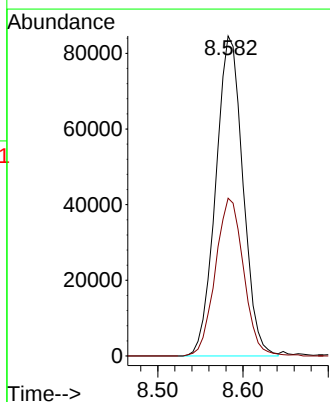
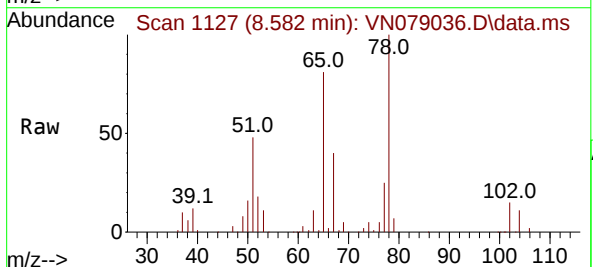
Manual Integrations
APPROVED

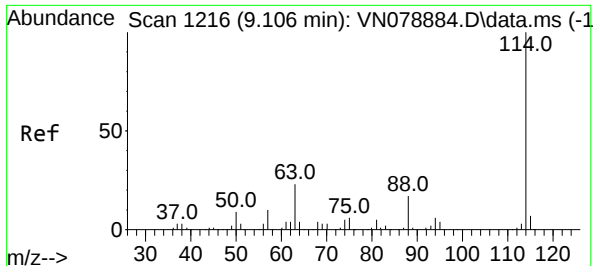
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#33
1,2-Dichloroethane-d4
Concen: 44.451 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Tgt Ion: 65 Resp: 187559
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z52-53

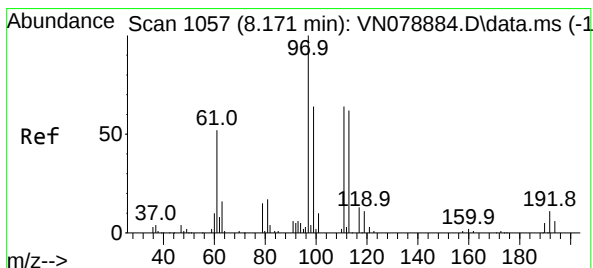
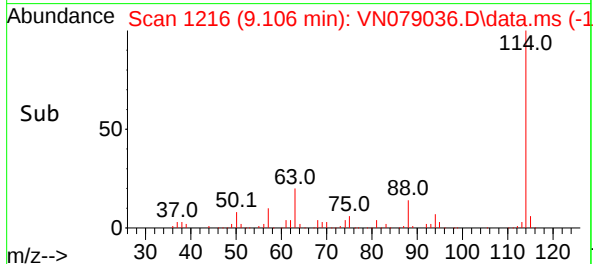
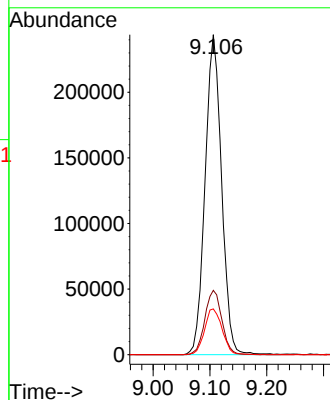
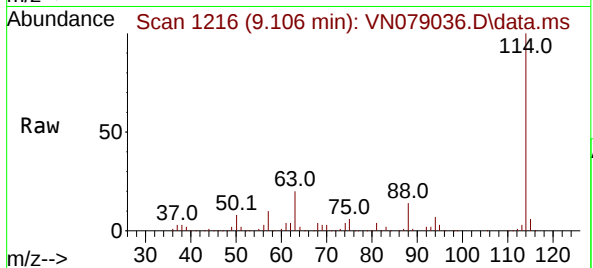
Tgt Ion:114 Resp: 49001

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	36.4
88	14.3	0.0	30.6

Manual Integrations

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



#35

Dibromofluoromethane

Concen: 47.847 ug/l

RT: 8.171 min Scan# 1057

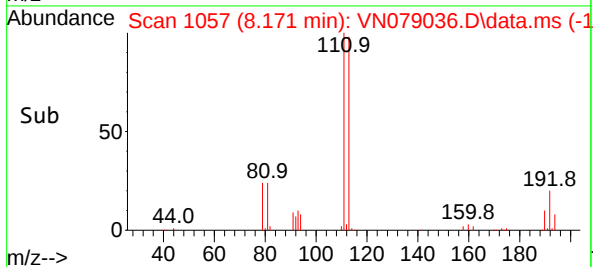
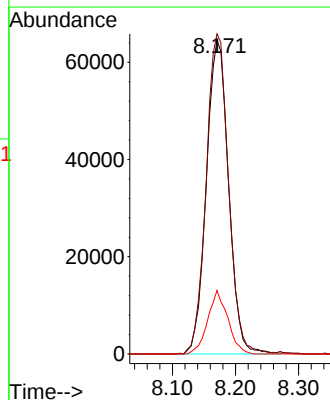
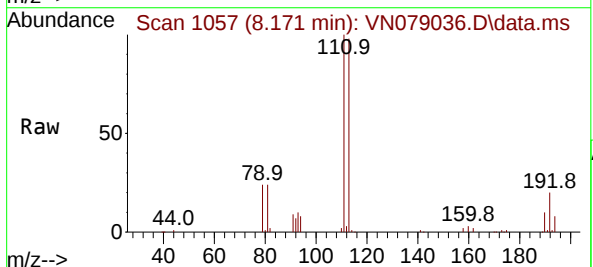
Delta R.T. -0.000 min

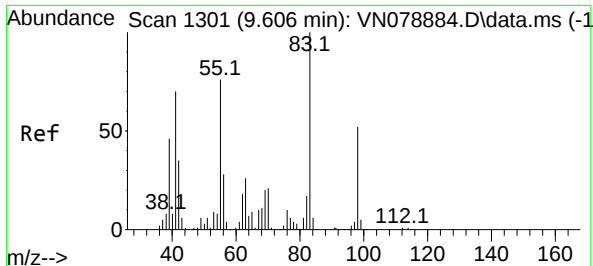
Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Tgt Ion:113 Resp: 157824

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	18.3	12.7	19.1





#39

Methylcyclohexane

Concen: 2.246 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

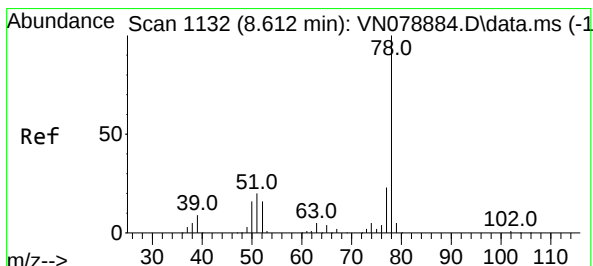
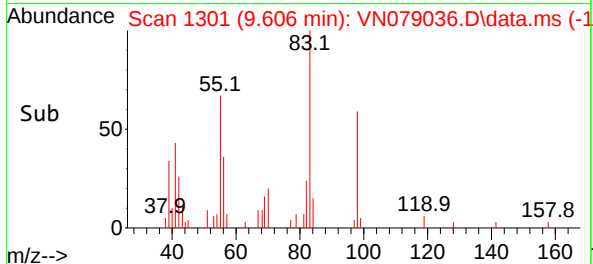
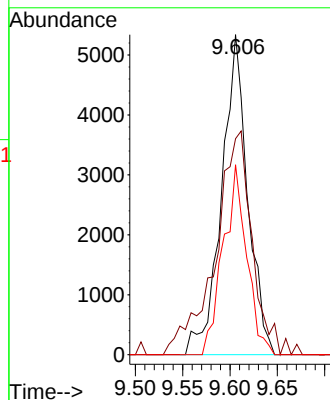
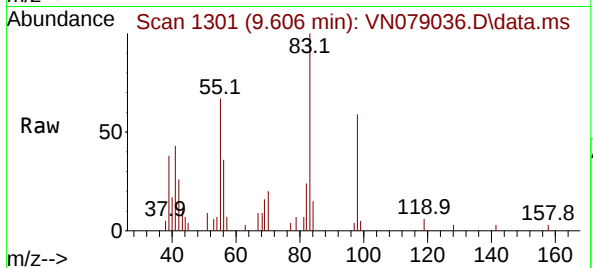
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Tgt Ion: 83 Resp: 10249
 Ion Ratio Lower Upper
 83 100
 55 67.5 49.1 73.7
 98 59.3 40.6 61.0

Manual Integrations

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



#40

Benzene

Concen: 99.056 ug/l

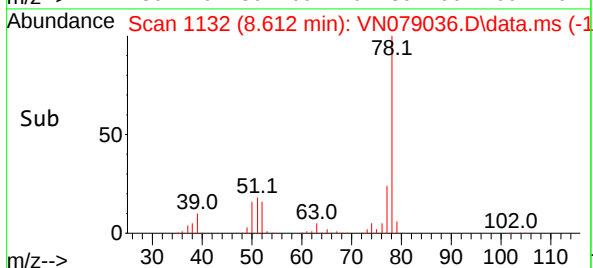
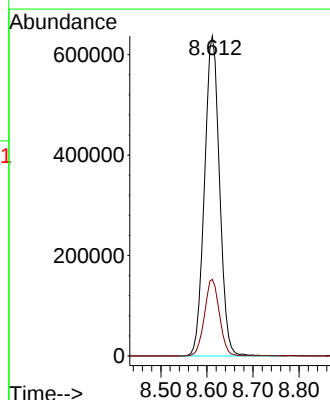
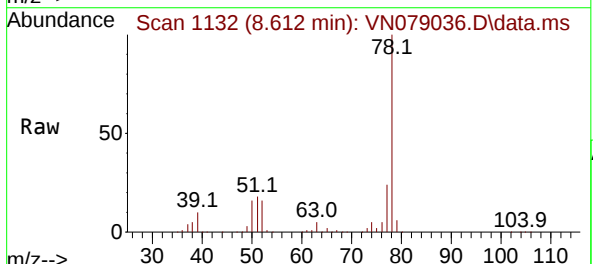
RT: 8.612 min Scan# 1132

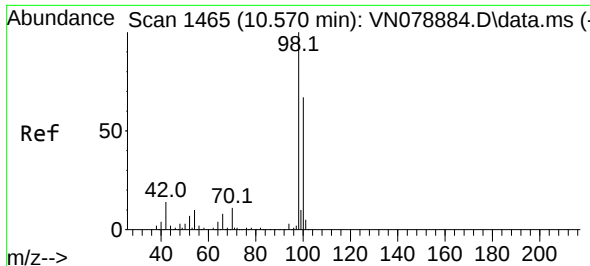
Delta R.T. -0.000 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

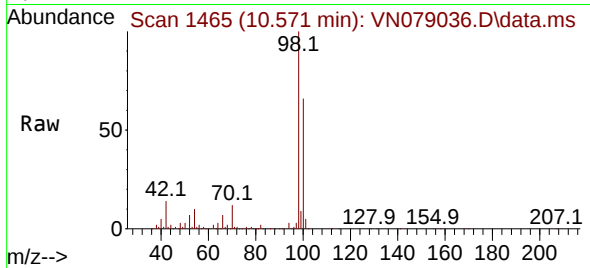
Tgt Ion: 78 Resp: 1452767
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.0 28.6





#50
Toluene-d8
Concen: 47.607 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

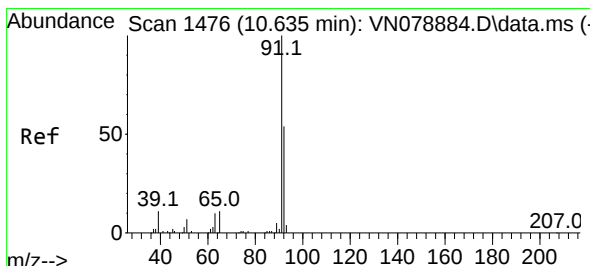
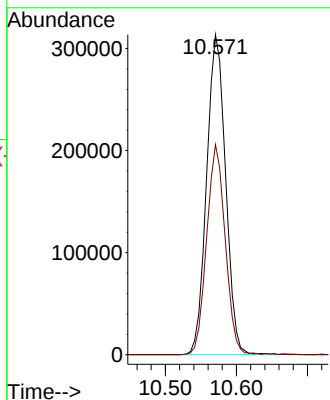
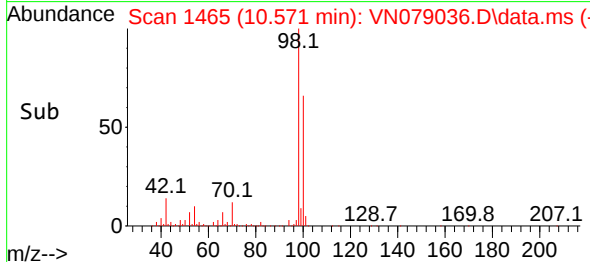
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z52-53



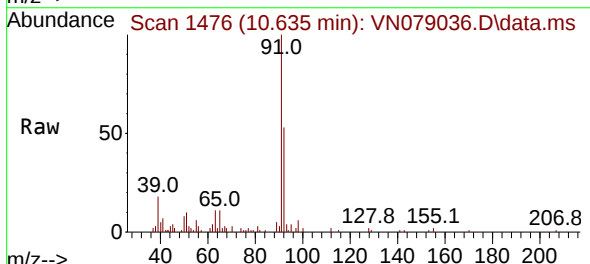
Tgt Ion: 98 Resp: 58308
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

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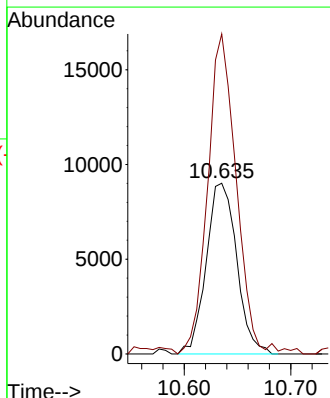
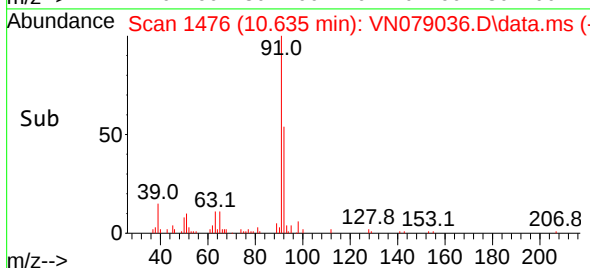
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

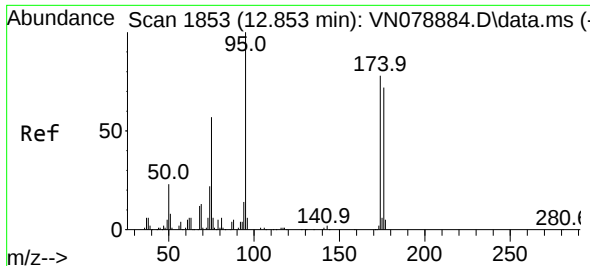


#52
Toluene
Concen: 1.991 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06



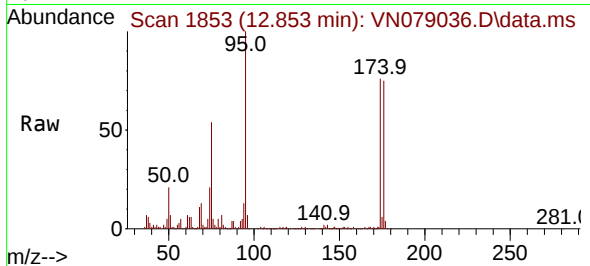
Tgt Ion: 92 Resp: 17924
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0





#62
4-Bromofluorobenzene
Concen: 58.343 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

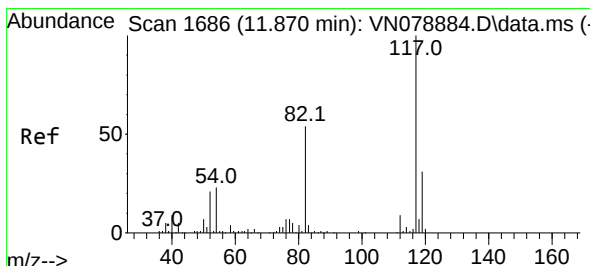
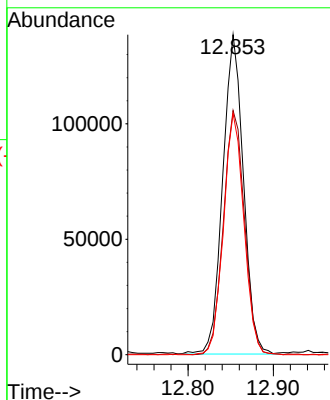
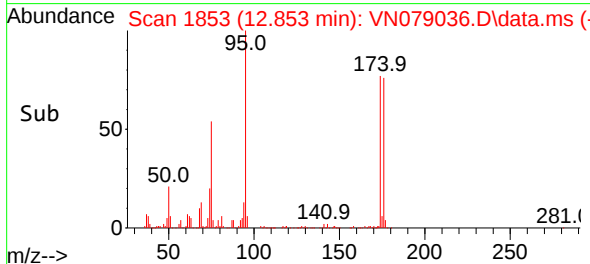
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z52-53



Tgt Ion: 95 Resp: 233560
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 74.5 0.0 135.8

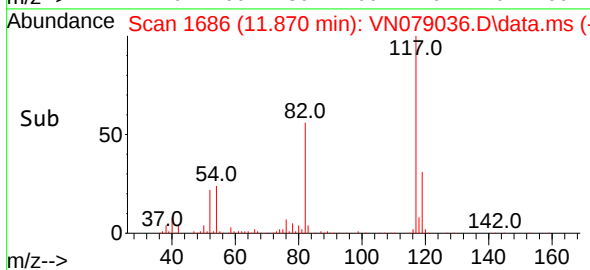
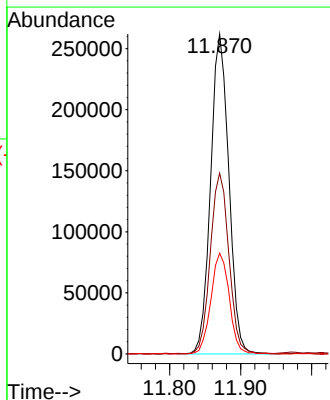
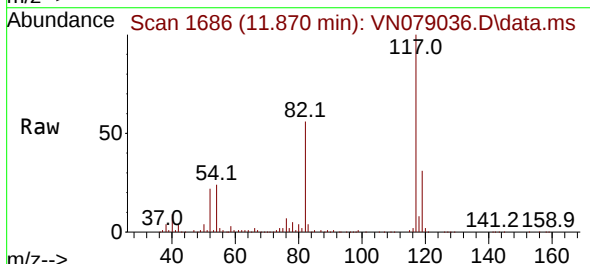
Manual Integrations
APPROVED

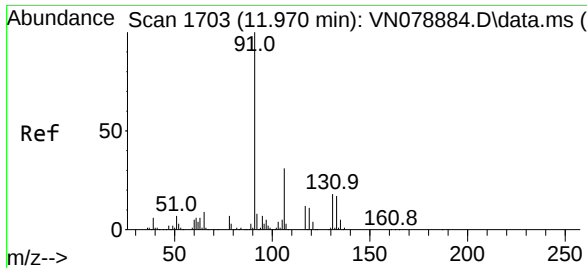
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

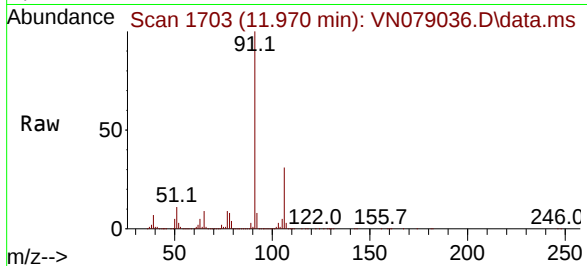
Tgt Ion:117 Resp: 466419
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.5 25.6 38.4





#67
Ethyl Benzene
Concen: 443.550 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

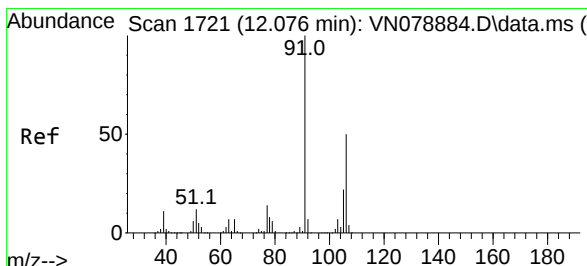
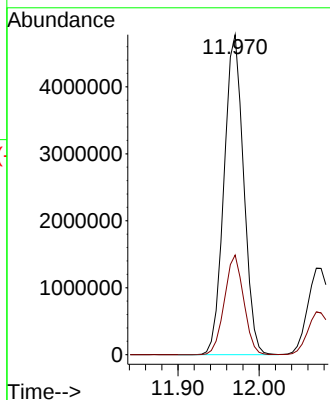
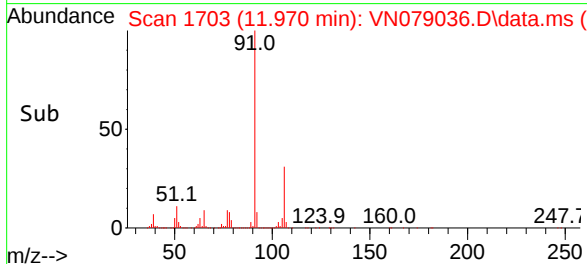
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z52-53



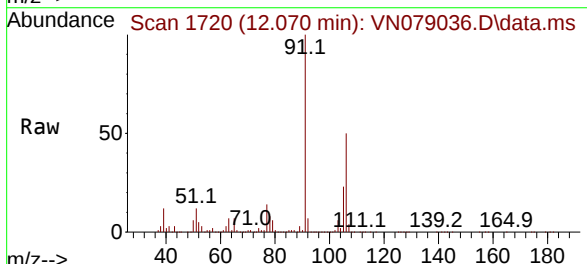
Tgt Ion: 91 Resp: 8008280
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

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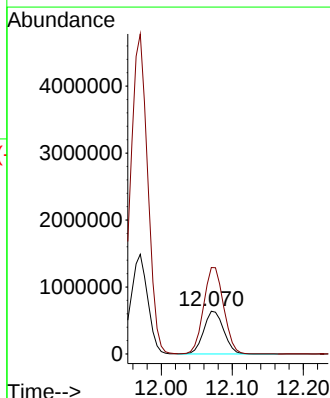
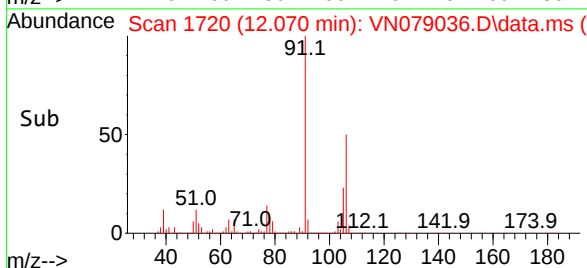
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

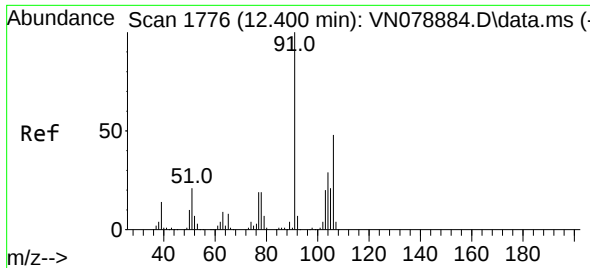


#68
m/p-Xylenes
Concen: 184.600 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06



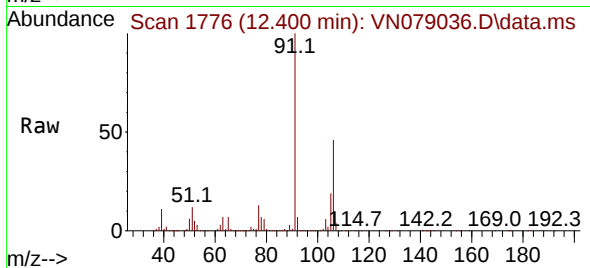
Tgt Ion:106 Resp: 1246124
Ion Ratio Lower Upper
106 100
91 202.9 159.6 239.4





#69
o-Xylene
Concen: 133.670 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

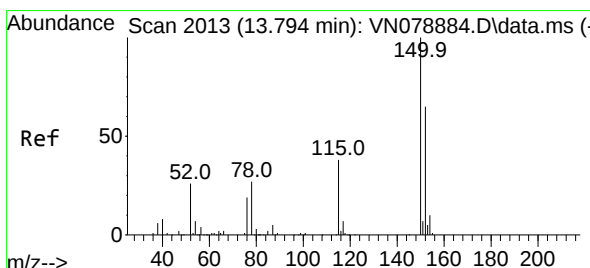
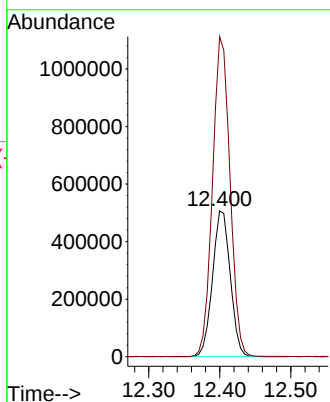
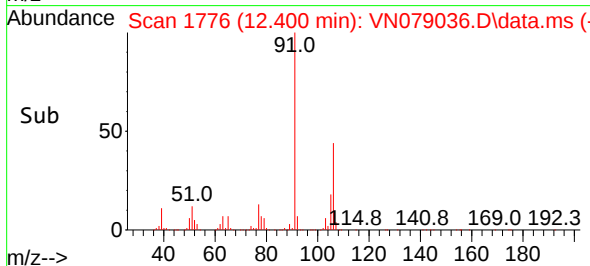
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z52-53



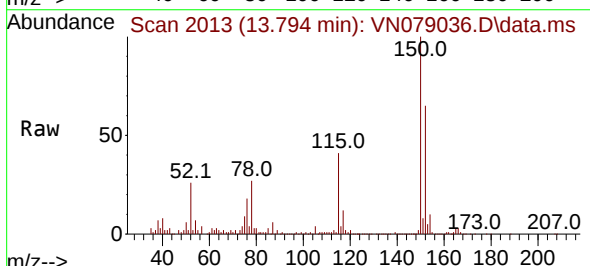
Tgt Ion:106 Resp: 87775
Ion Ratio Lower Upper
106 100
91 216.1 105.2 315.5

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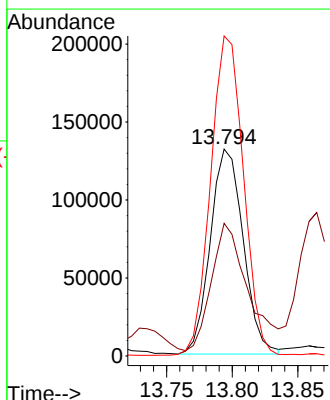
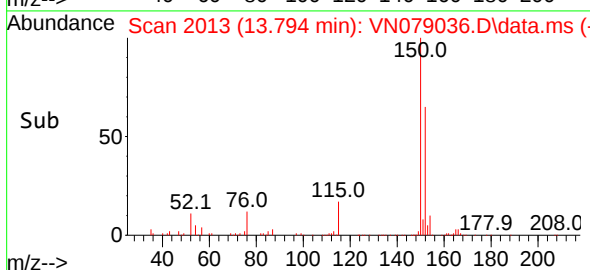
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

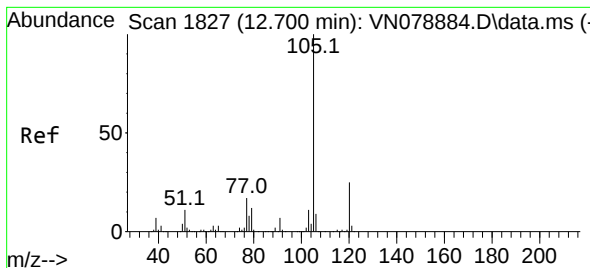


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06



Tgt Ion:152 Resp: 229732
Ion Ratio Lower Upper
152 100
115 68.3 32.3 96.8
150 155.3 0.0 355.8





#73

Isopropylbenzene

Concen: 34.338 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z52-53

Tgt Ion:105 Resp: 65776

Ion Ratio Lower Upper

105 100

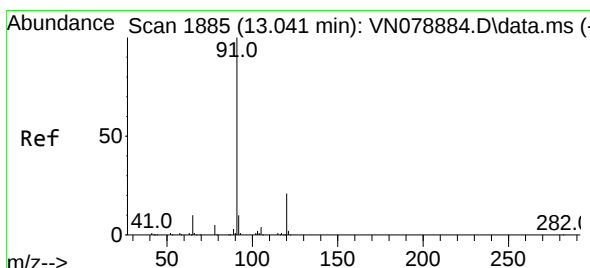
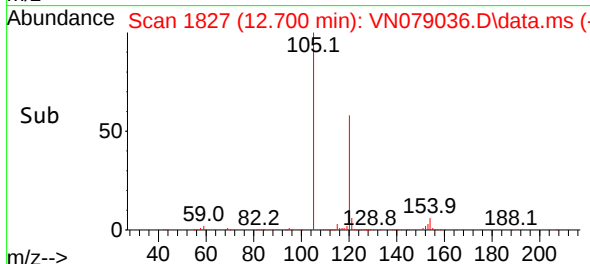
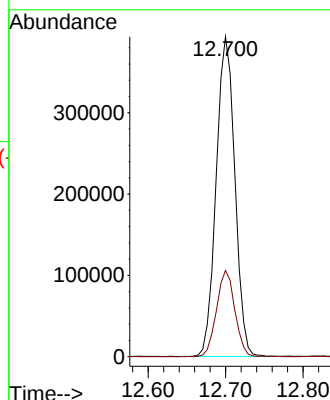
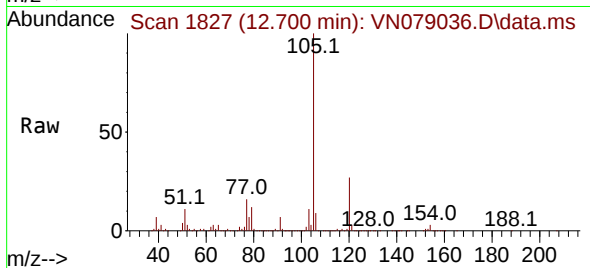
120 26.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023

Supervised By :Semsettin Yesilyurt 08/25/2023



#78

n-propylbenzene

Concen: 13.253 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079036.D

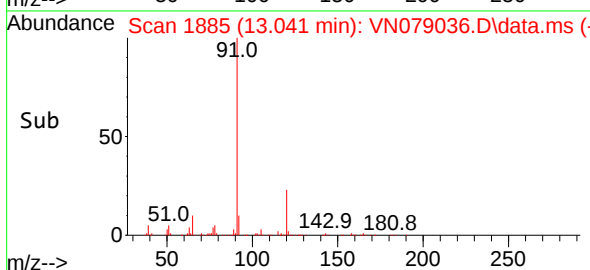
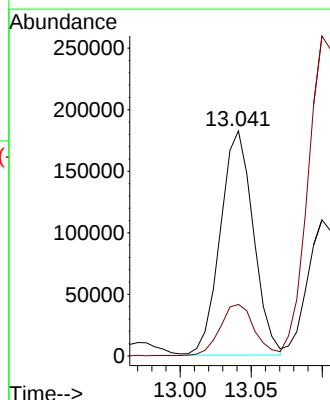
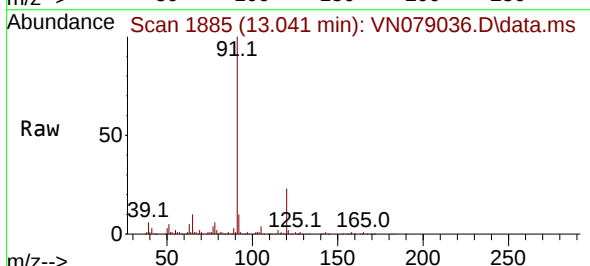
Acq: 24 Aug 2023 17:06

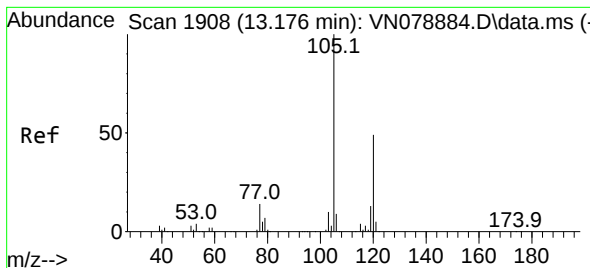
Tgt Ion: 91 Resp: 294381

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 40.646 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z52-53

Tgt Ion:105 Resp: 61700

Ion Ratio Lower Upper

105 100

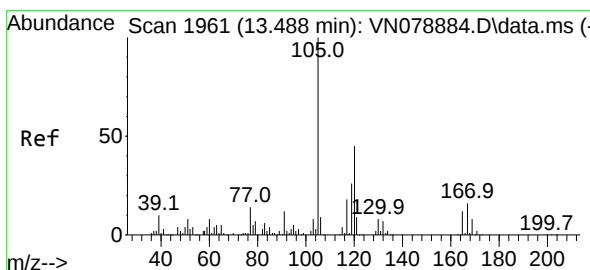
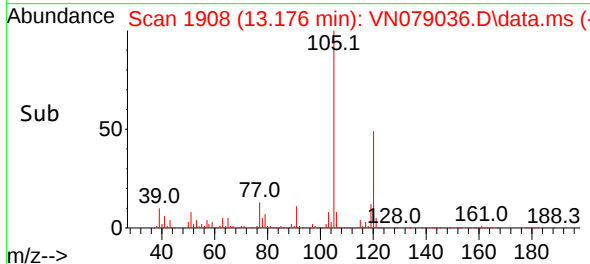
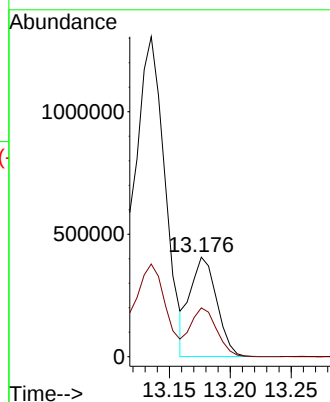
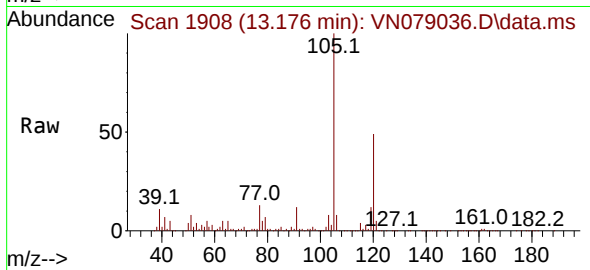
120 48.6 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023

Supervised By :Semsettin Yesilyurt 08/25/2023



#84

1,2,4-Trimethylbenzene

Concen: 155.795 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079036.D

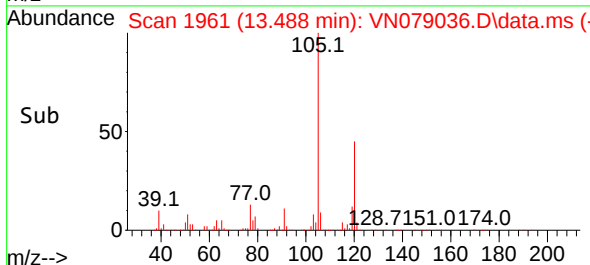
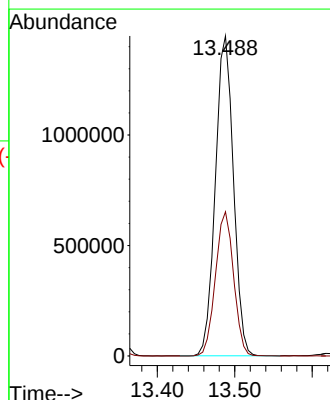
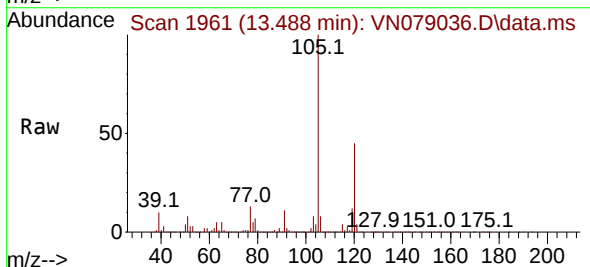
Acq: 24 Aug 2023 17:06

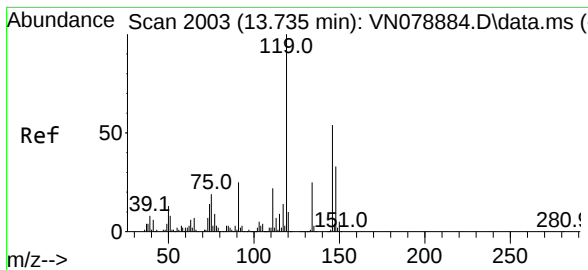
Tgt Ion:105 Resp: 2341738

Ion Ratio Lower Upper

105 100

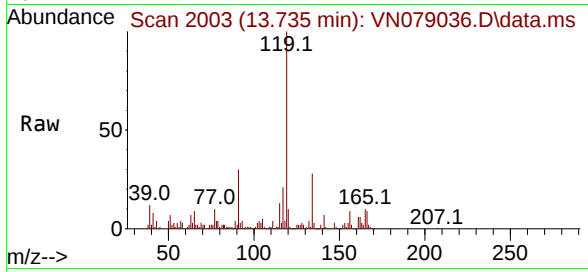
120 45.4 22.0 66.0





#86
 p-Isopropyltoluene
 Concen: 15.005 ug/l m
 RT: 13.735 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079036.D
 Acq: 24 Aug 2023 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB04-Z52-53



Tgt Ion:119 Resp: 210424
 Ion Ratio Lower Upper
 119 100
 134 40.5 12.6 37.8
 91 37.0 12.4 37.2

Manual Integrations
 APPROVED

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

