

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079035.D
 Acq On : 24 Aug 2023 16:42
 Operator : JC\MD
 Sample : 04093-03 20X
 Misc : 6.29g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB04-Z83-84

Manual Integrations
 APPROVED

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

Quant Time: Aug 25 02:55:29 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	275769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	486298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	477125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	190466	44.385	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.780%		
35) Dibromofluoromethane	8.171	113	158958	48.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.120%		
50) Toluene-d8	10.571	98	587684	48.350	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.700%		
62) 4-Bromofluorobenzene	12.853	95	230122	57.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.840%		
Target Compounds						
40) Benzene	8.612	78	387557	26.628	ug/l	98
52) Toluene	10.635	92	179136	20.046	ug/l	97
67) Ethyl Benzene	11.970	91	3168213	171.538	ug/l	98
68) m/p-Xylenes	12.070	106	733793	106.264	ug/l	98
69) o-Xylene	12.400	106	366106	54.502	ug/l	96
73) Isopropylbenzene	12.700	105	230636	11.940	ug/l	98
78) n-propylbenzene	13.041	91	107978	4.820	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	237713	15.529	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	870974	57.461	ug/l	98
86) p-Isopropyltoluene	13.729	119	82023m	5.800	ug/l	

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

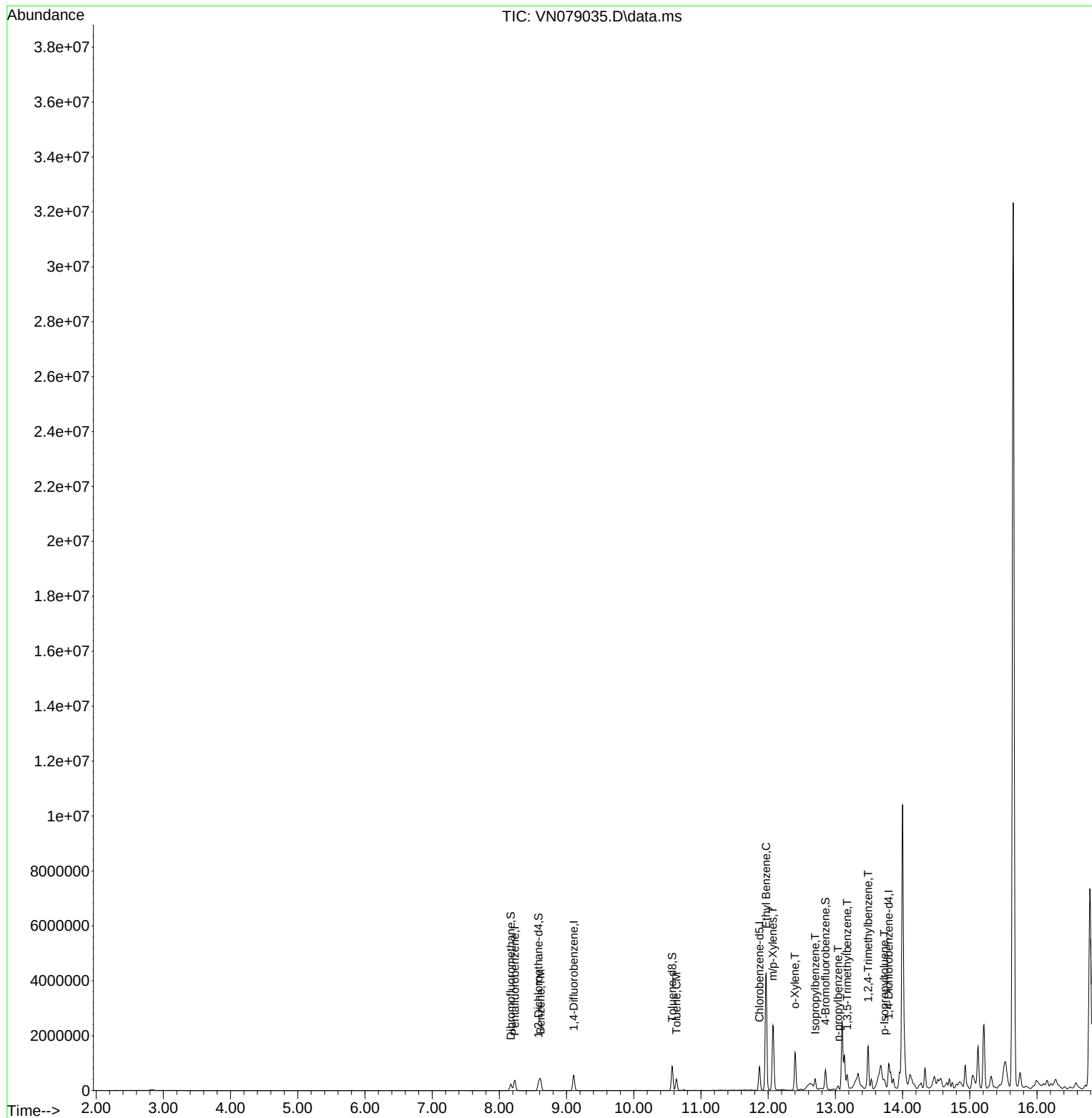
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
Data File : VN079035.D
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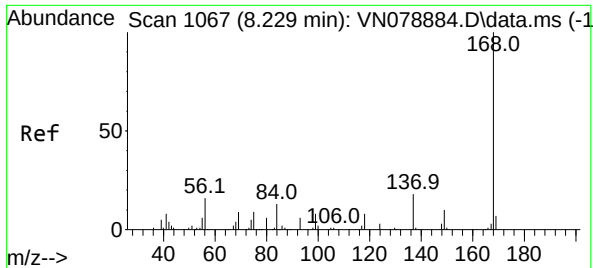
Instrument :
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ClientSampleId :
NEVINS-SB04-Z83-84

Quant Time: Aug 25 02:55:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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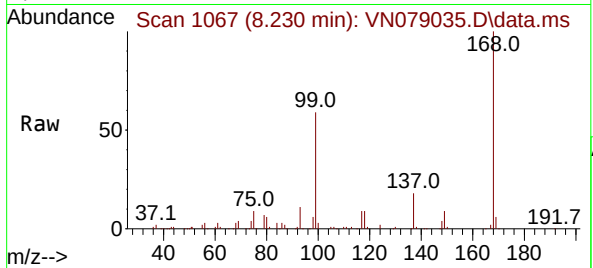
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

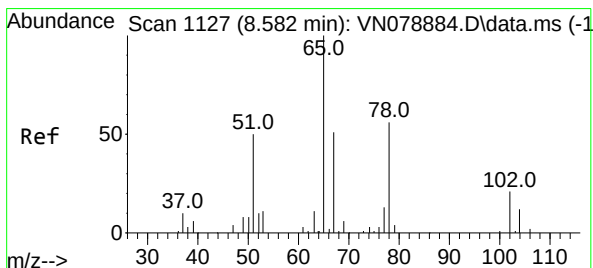
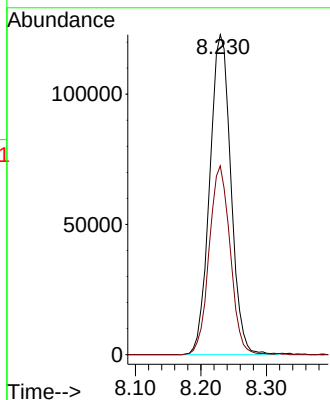
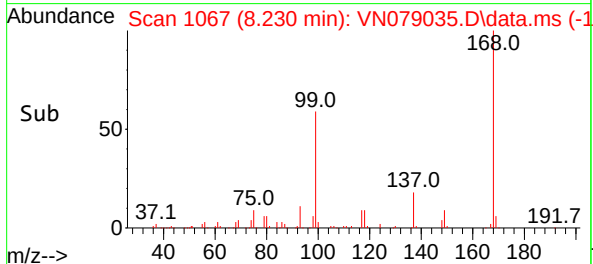
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z83-84



Tgt Ion:168 Resp: 275769
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6

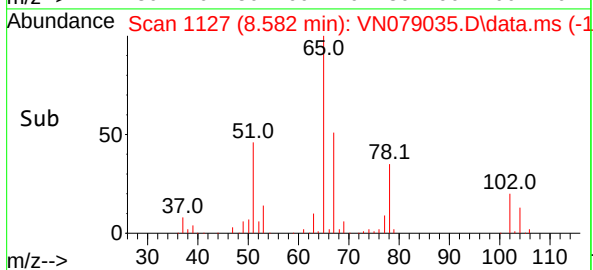
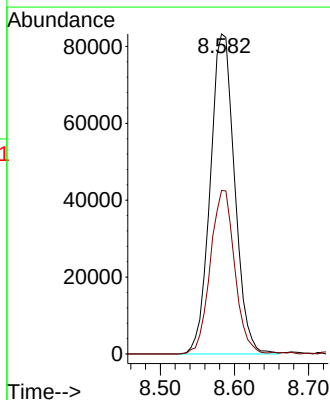
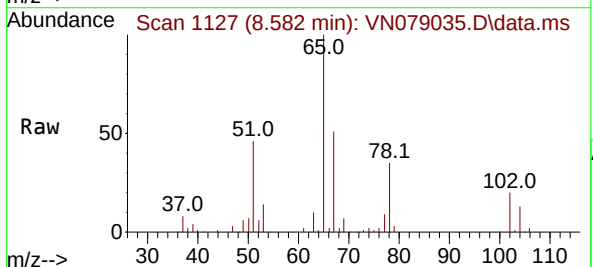
Manual Integrations
APPROVED

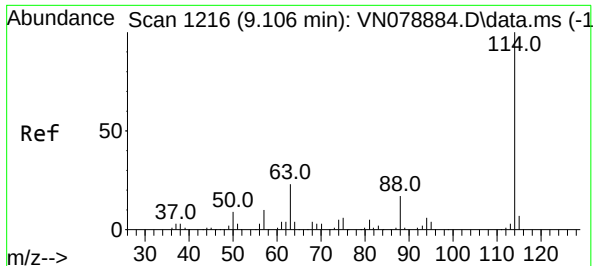
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#33
1,2-Dichloroethane-d4
Concen: 44.385 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

Tgt Ion: 65 Resp: 190466
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: VN079035.D

Acq: 24 Aug 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z83-84

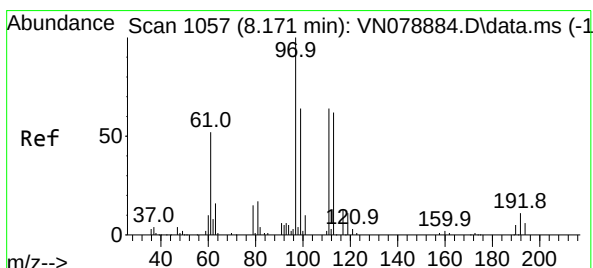
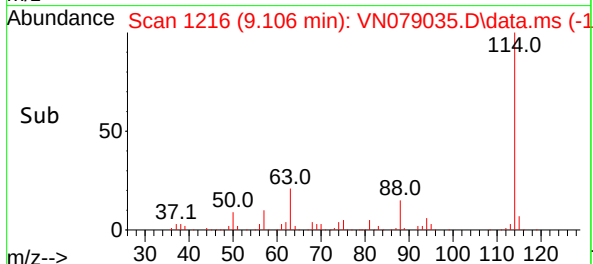
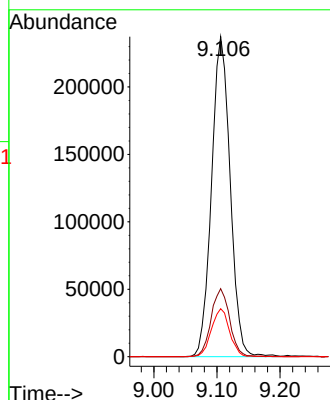
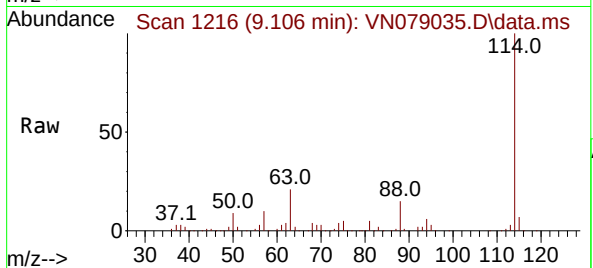
Tgt Ion:114 Resp: 486298

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	36.4
88	15.0	0.0	30.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 08/25/2023



#35

Dibromofluoromethane

Concen: 48.559 ug/l

RT: 8.171 min Scan# 1057

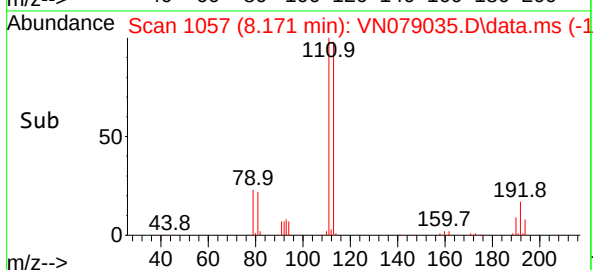
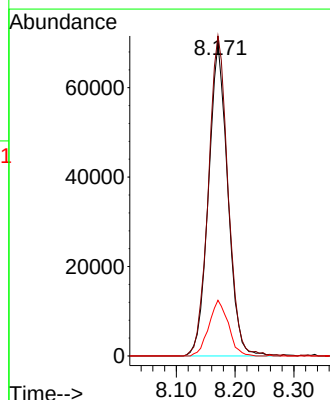
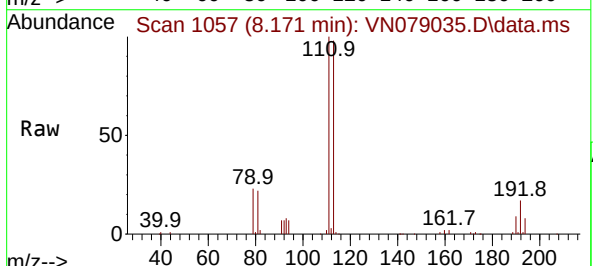
Delta R.T. -0.000 min

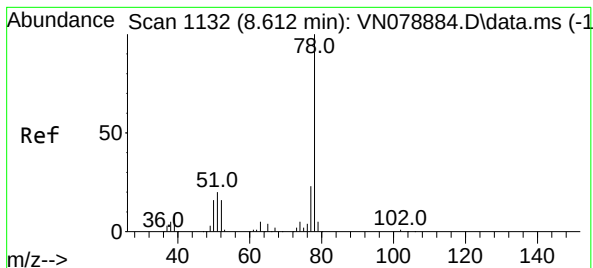
Lab File: VN079035.D

Acq: 24 Aug 2023 16:42

Tgt Ion:113 Resp: 158958

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.6	123.8
192	18.1	12.7	19.1





#40

Benzene

Concen: 26.628 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079035.D

Acq: 24 Aug 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z83-84

Tgt Ion: 78 Resp: 38755

Ion Ratio Lower Upper

78 100

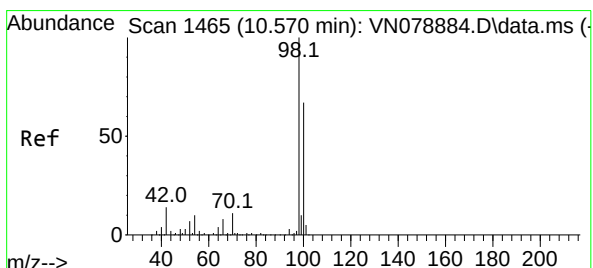
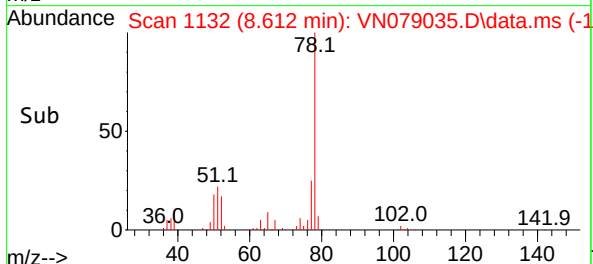
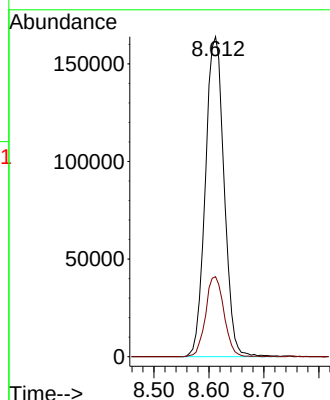
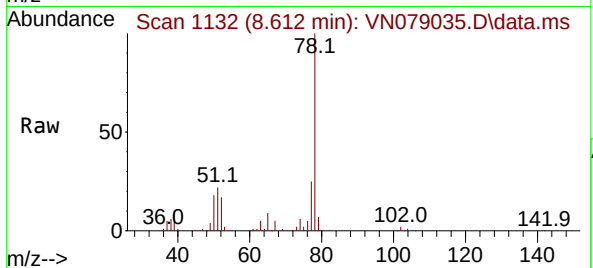
77 25.0 19.0 28.6

Manual Integrations

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#50

Toluene-d8

Concen: 48.350 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079035.D

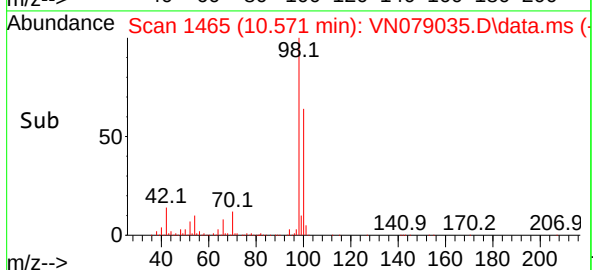
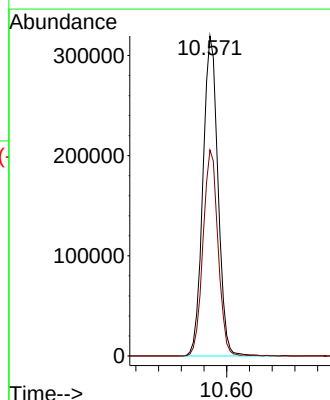
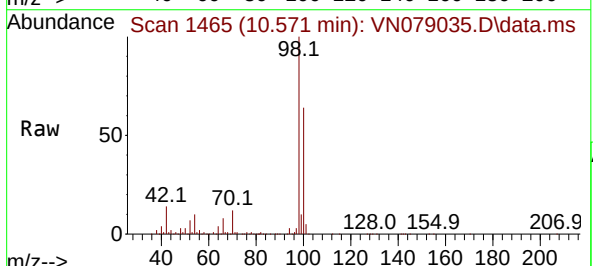
Acq: 24 Aug 2023 16:42

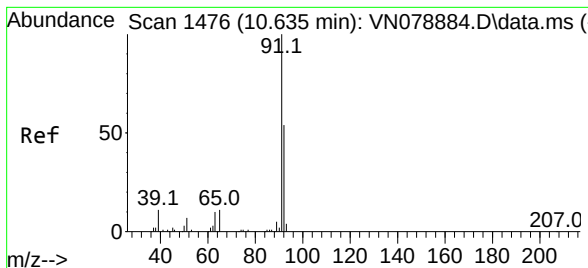
Tgt Ion: 98 Resp: 587684

Ion Ratio Lower Upper

98 100

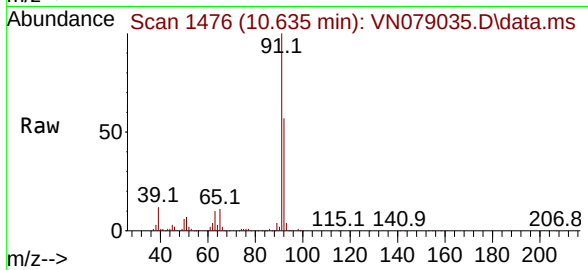
100 64.1 52.0 78.0





#52
Toluene
Concen: 20.046 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

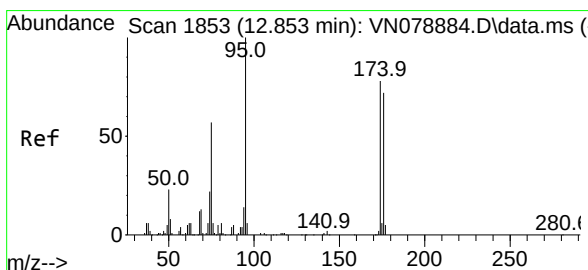
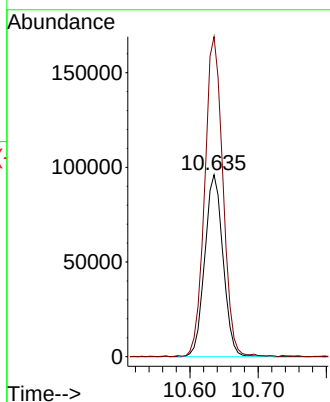
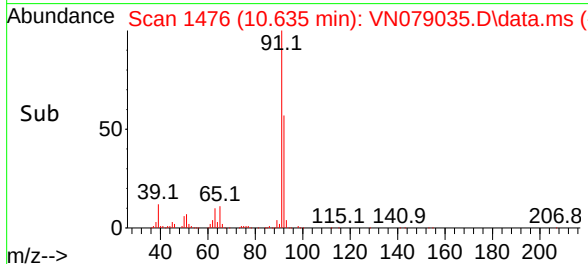
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z83-84



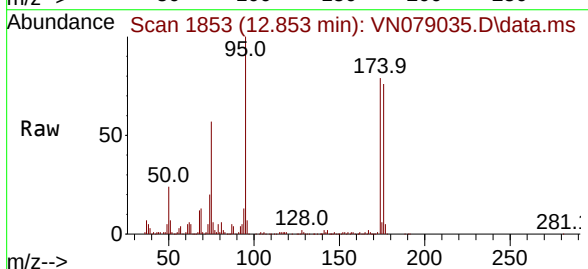
Tgt Ion: 92 Resp: 179130
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0

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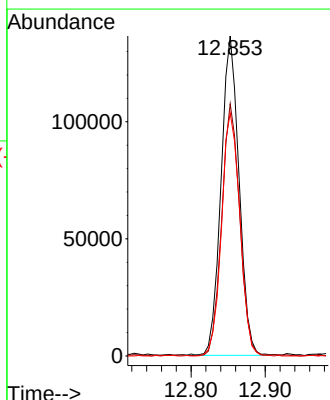
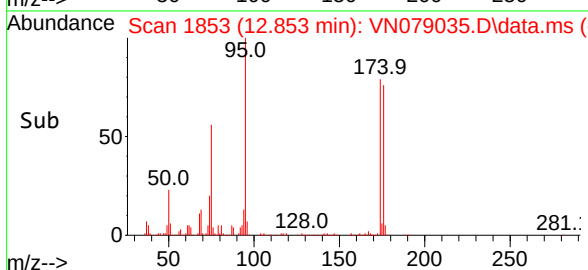
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

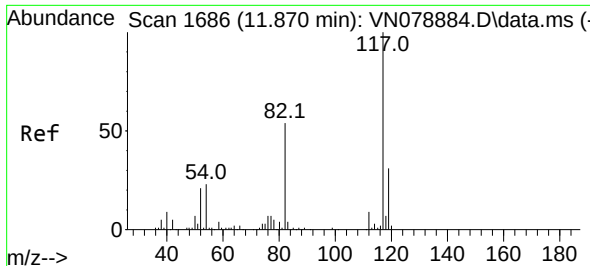


#62
4-Bromofluorobenzene
Concen: 57.923 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42



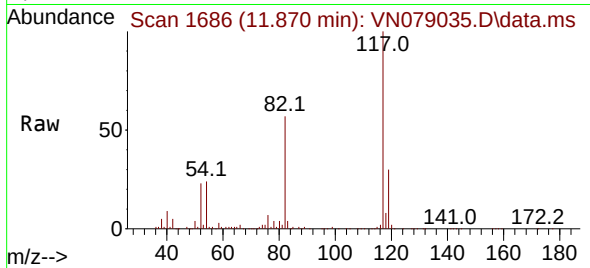
Tgt Ion: 95 Resp: 230122
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 77.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

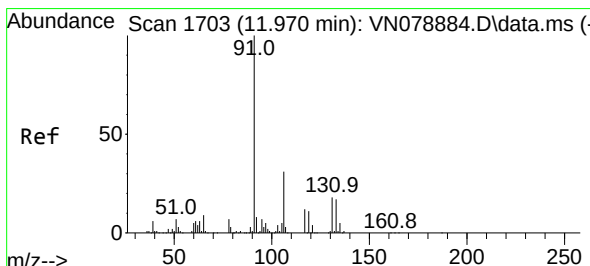
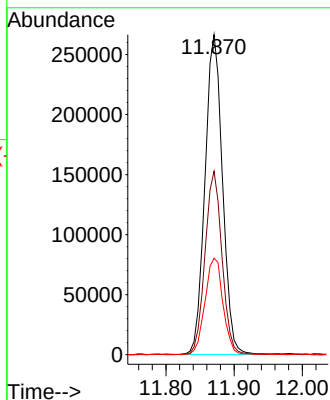
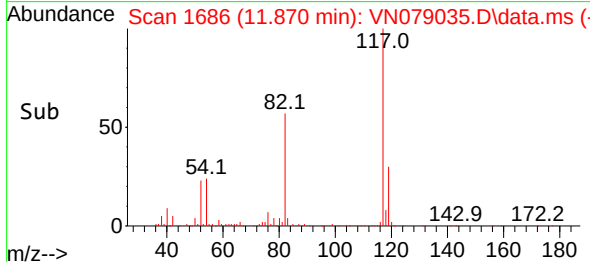
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z83-84



Tgt Ion:117 Resp: 477125
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 30.1 25.6 38.4

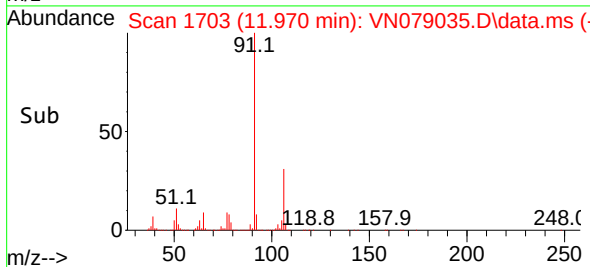
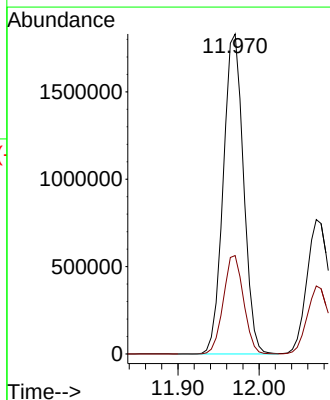
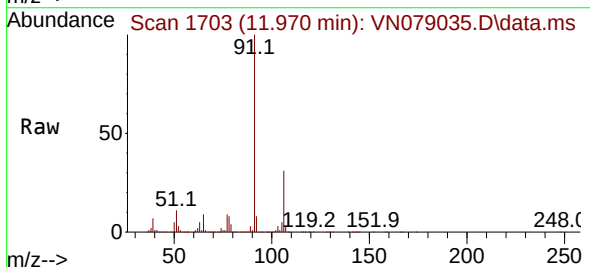
Manual Integrations
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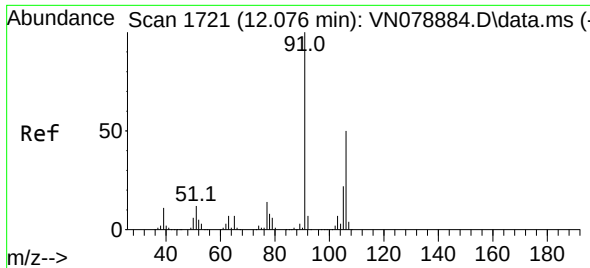
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#67
Ethyl Benzene
Concen: 171.538 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

Tgt Ion: 91 Resp: 3168213
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4





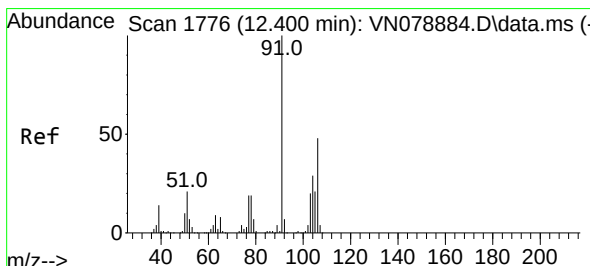
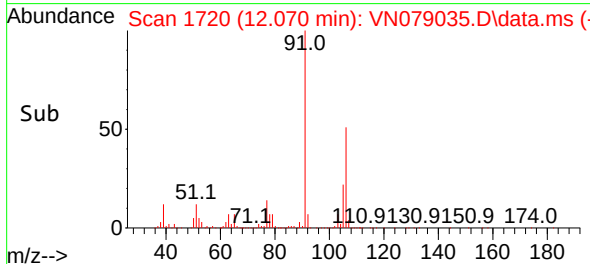
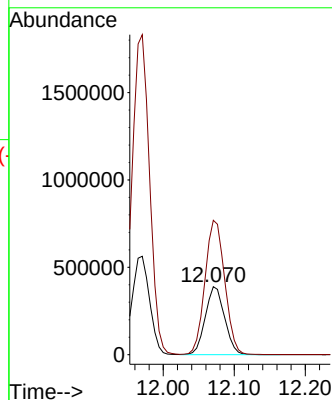
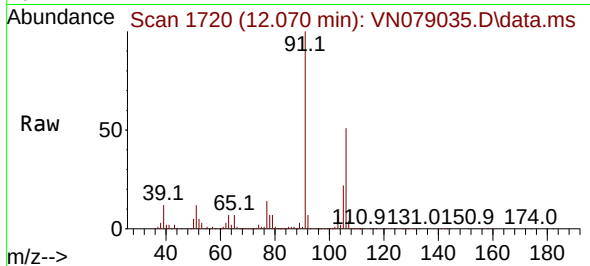
#68
m/p-Xylenes
Concen: 106.264 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z83-84

Tgt Ion:106 Resp: 733793
Ion Ratio Lower Upper
106 100
91 202.2 159.6 239.4

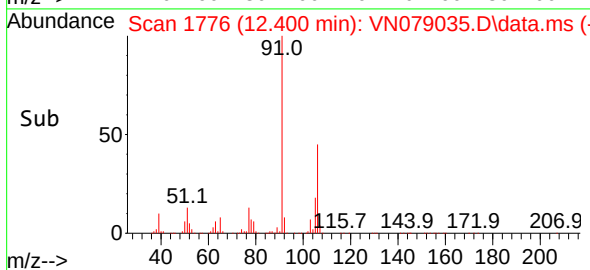
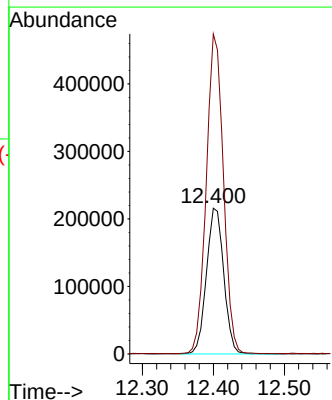
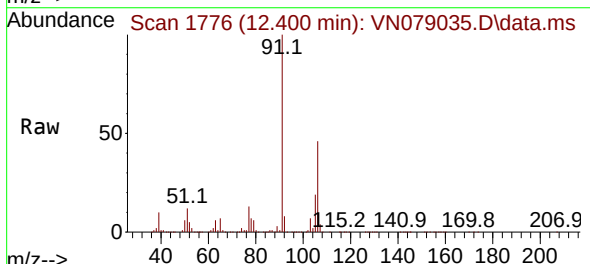
Manual Integrations
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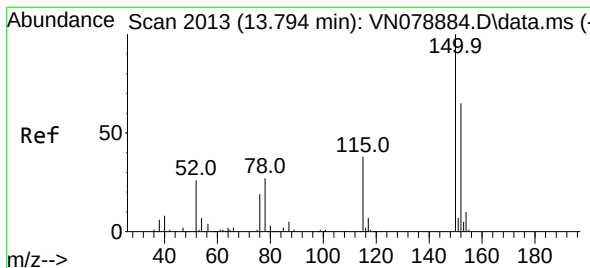
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#69
o-Xylene
Concen: 54.502 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

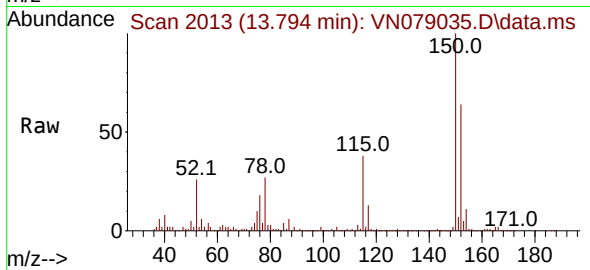
Tgt Ion:106 Resp: 366106
Ion Ratio Lower Upper
106 100
91 216.7 105.2 315.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

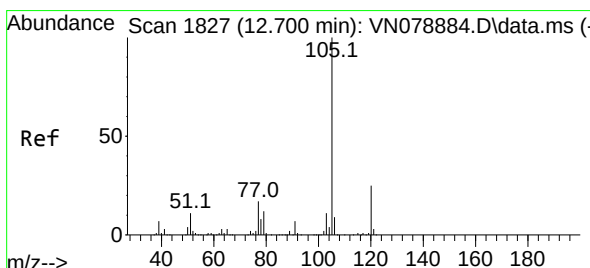
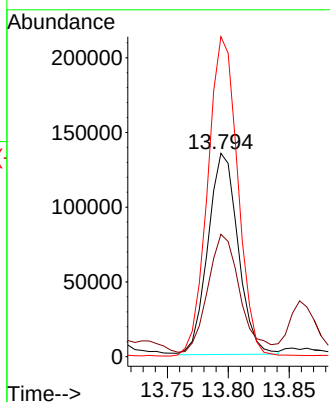
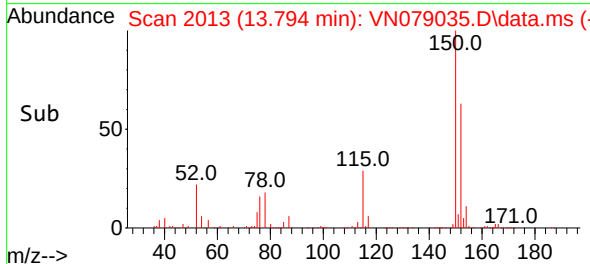
Instrument :
MSVOA_N
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NEVINS-SB04-Z83-84



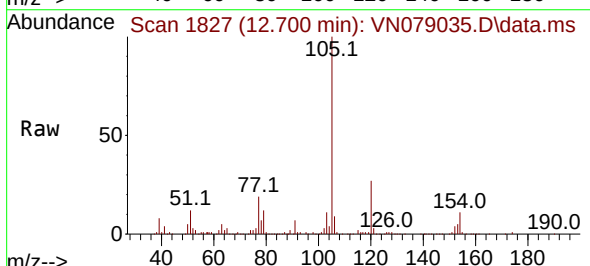
Tgt Ion:152 Resp: 23166
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 158.7 0.0 355.8

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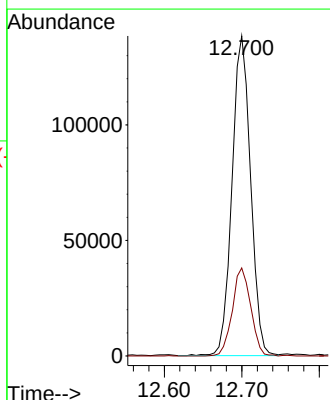
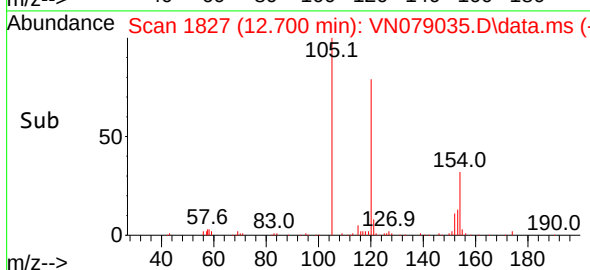
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

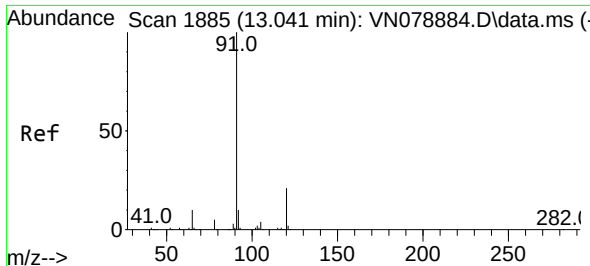


#73
Isopropylbenzene
Concen: 11.940 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42



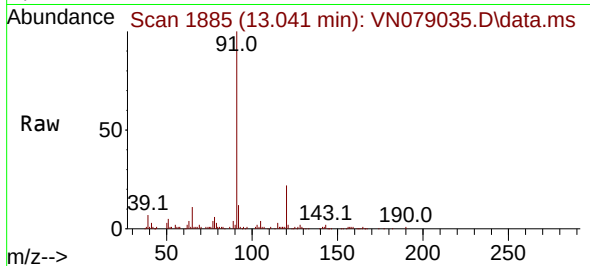
Tgt Ion:105 Resp: 230636
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1





#78
n-propylbenzene
Concen: 4.820 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

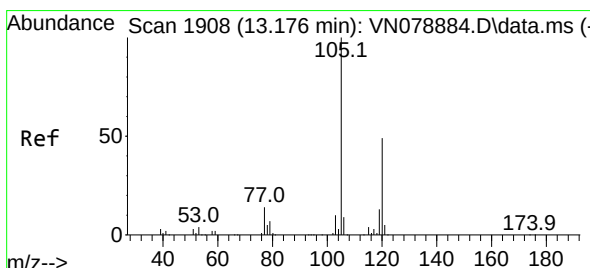
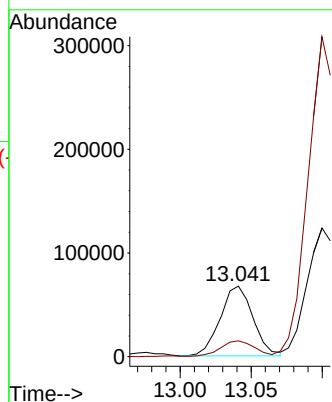
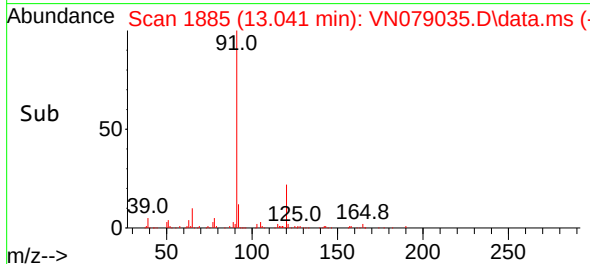
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z83-84



Tgt Ion: 91 Resp: 107978
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

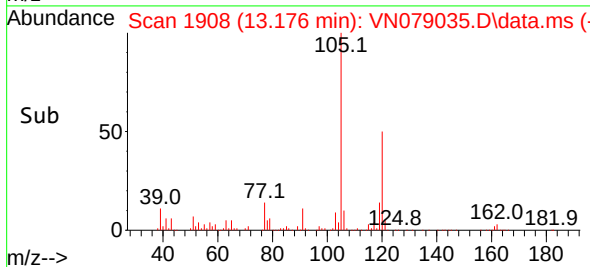
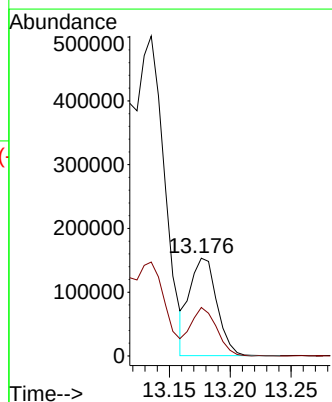
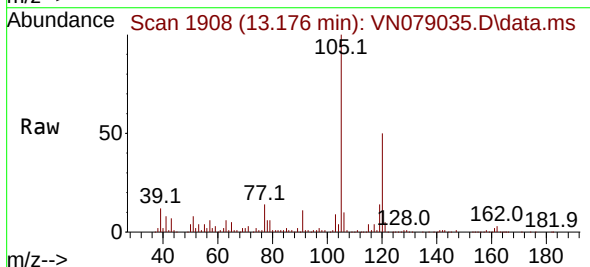
Manual Integrations
APPROVED

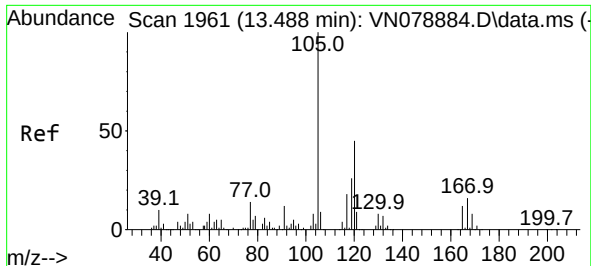
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 15.529 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

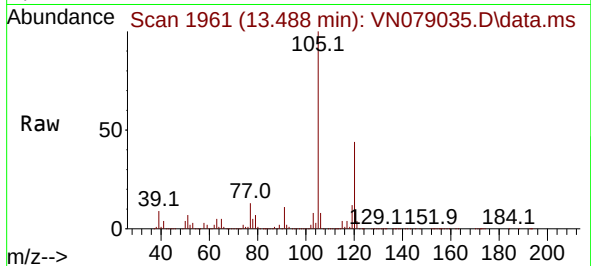
Tgt Ion:105 Resp: 237713
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 57.461 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42

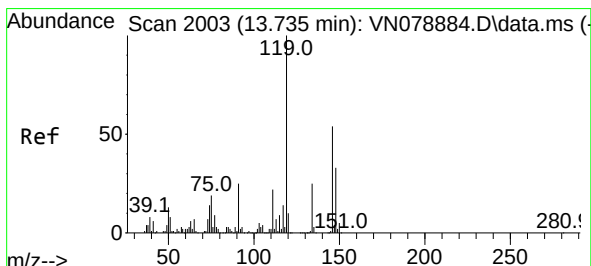
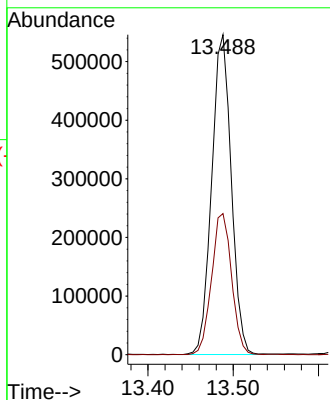
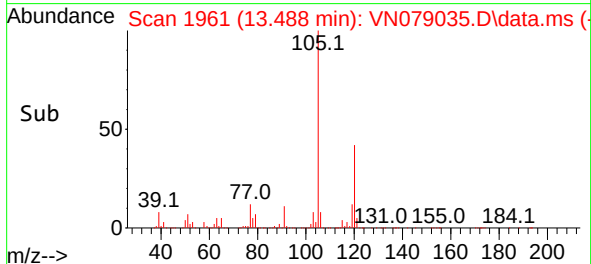
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z83-84



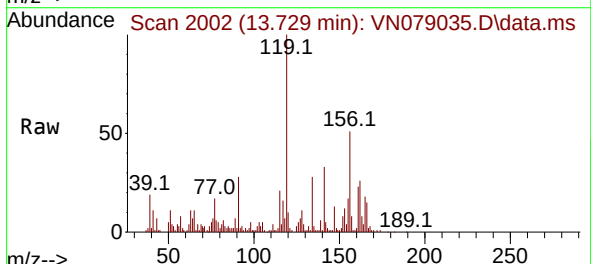
Tgt Ion:105 Resp: 870974
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0

Manual Integrations
APPROVED

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



#86
p-Isopropyltoluene
Concen: 5.800 ug/l m
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN079035.D
Acq: 24 Aug 2023 16:42



Tgt Ion:119 Resp: 82023
Ion Ratio Lower Upper
119 100
134 44.2 12.6 37.8#
91 42.3 12.4 37.2#

