

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079031.D
 Acq On : 24 Aug 2023 15:05
 Operator : JC\MD
 Sample : 04047-02 20X
 Misc : 6.54g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB05-Z60-61

Manual Integrations
 APPROVED

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

Quant Time: Aug 25 01:16:41 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	245462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	444131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	426434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175900	46.052	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.100%		
35) Dibromofluoromethane	8.171	113	148572	49.695	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.400%		
50) Toluene-d8	10.571	98	535965	48.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.560%		
62) 4-Bromofluorobenzene	12.853	95	210529	58.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.040%		
Target Compounds					Qvalue	
40) Benzene	8.612	78	87179	6.558	ug/l	98
67) Ethyl Benzene	11.971	91	1293978	78.389	ug/l	97
68) m/p-Xylenes	12.077	106	170229	27.582	ug/l	98
69) o-Xylene	12.400	106	132563	22.080	ug/l	97
73) Isopropylbenzene	12.700	105	104604	6.178	ug/l	97
78) n-propylbenzene	13.041	91	43429	2.212	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	109780	8.181	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	399619	30.076	ug/l	98
86) p-Isopropyltoluene	13.735	119	39550m	3.190	ug/l	

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

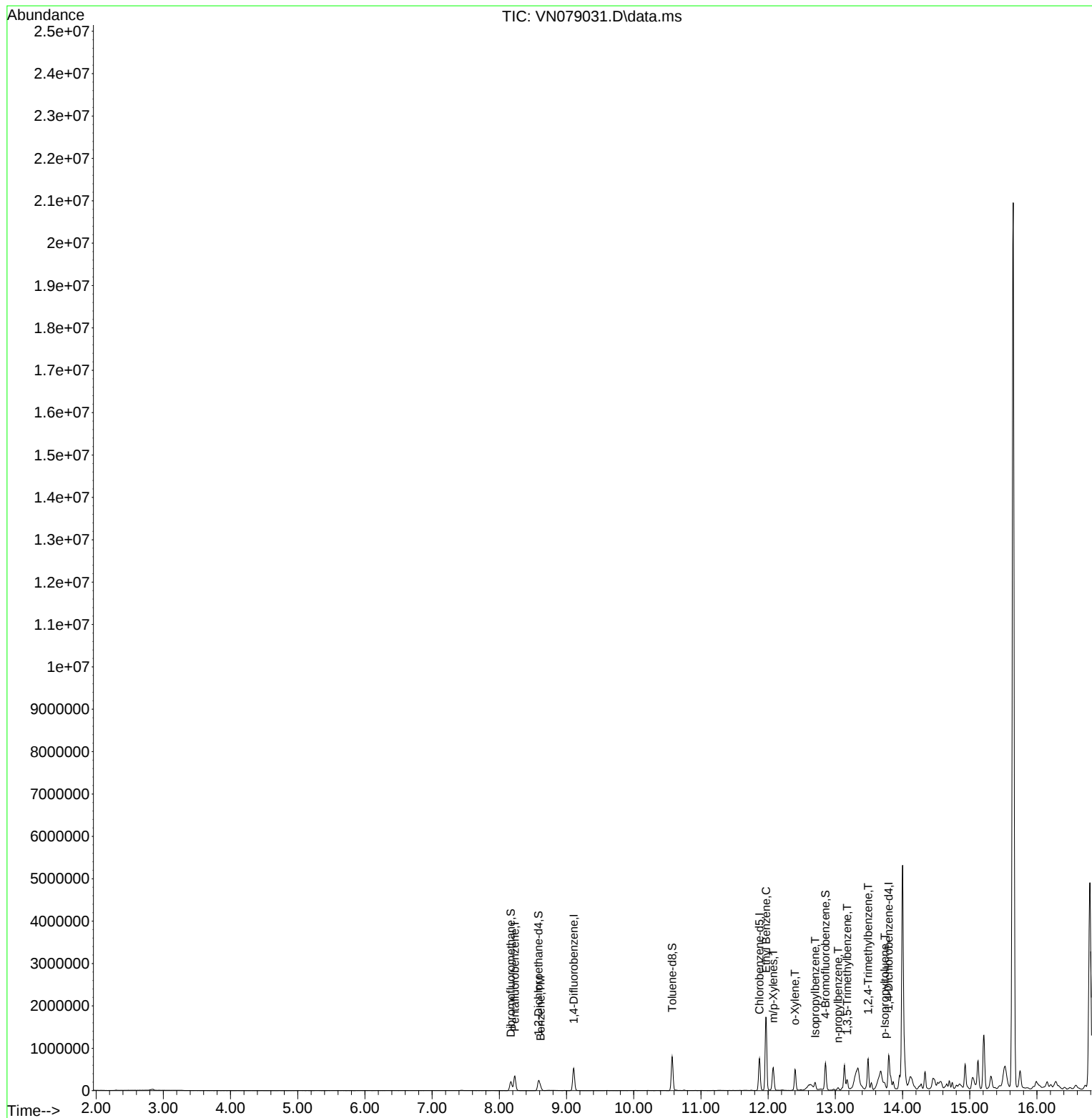
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
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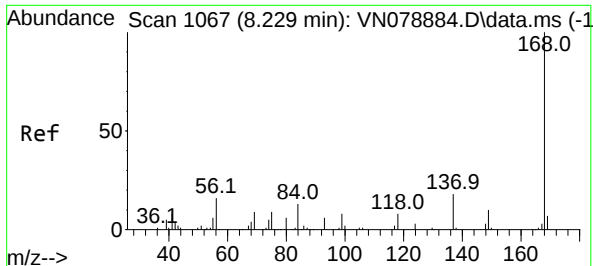
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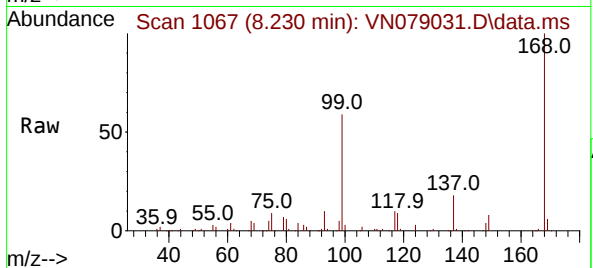
Quant Time: Aug 25 01:16:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079031.D
Acq: 24 Aug 2023 15:05

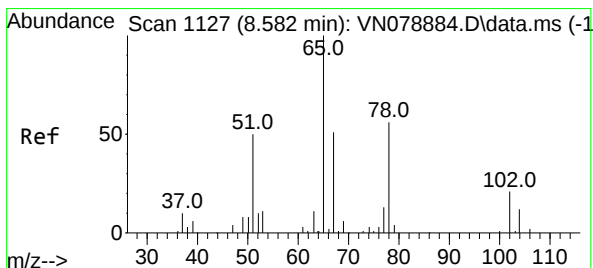
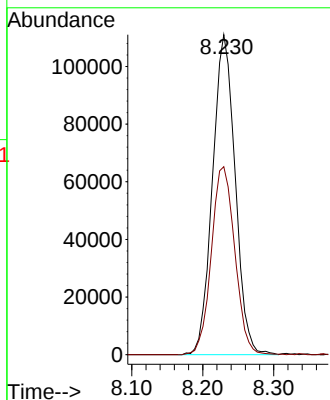
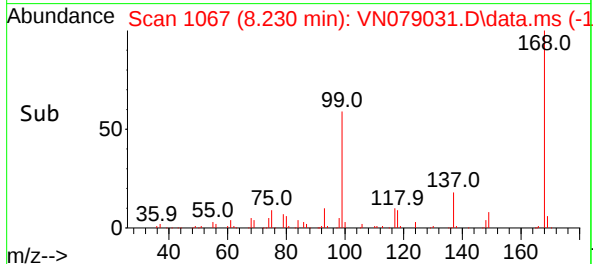
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z60-61



Tgt Ion:168 Resp: 245462
Ion Ratio Lower Upper
168 100
99 58.7 53.0 79.6

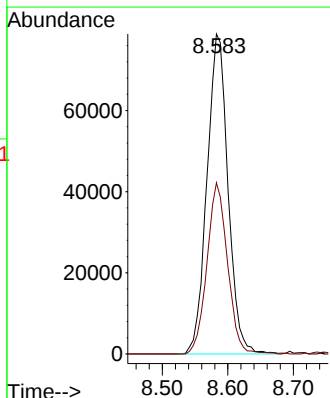
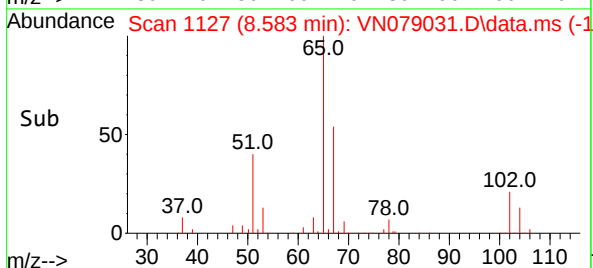
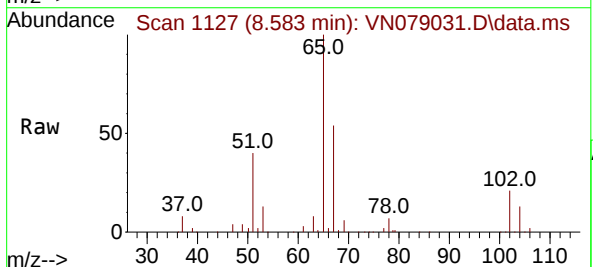
Manual Integrations
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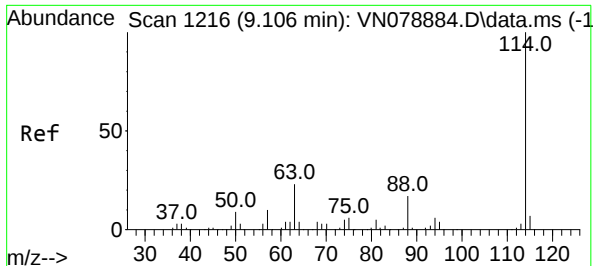
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#33
1,2-Dichloroethane-d4
Concen: 46.052 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079031.D
Acq: 24 Aug 2023 15:05

Tgt Ion: 65 Resp: 175900
Ion Ratio Lower Upper
65 100
67 52.2 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: VN079031.D

Acq: 24 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB05-Z60-61

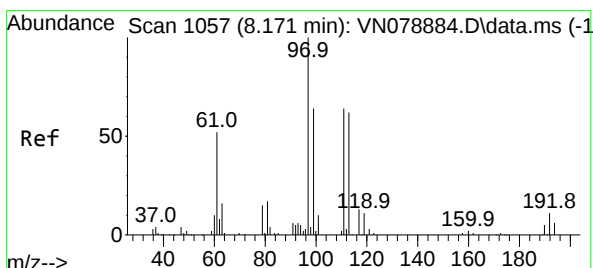
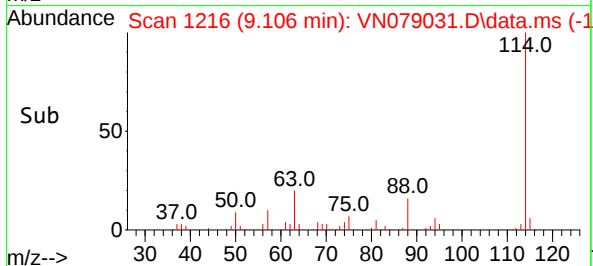
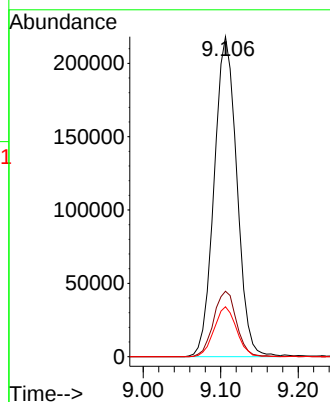
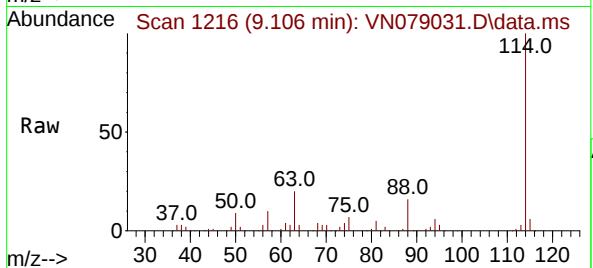
Tgt Ion:114 Resp: 44413

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	36.4
88	15.6	0.0	30.6

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#35

Dibromofluoromethane

Concen: 49.695 ug/l

RT: 8.171 min Scan# 1057

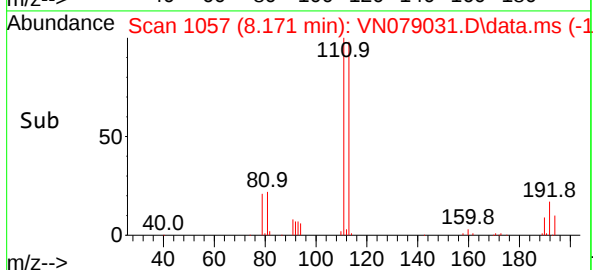
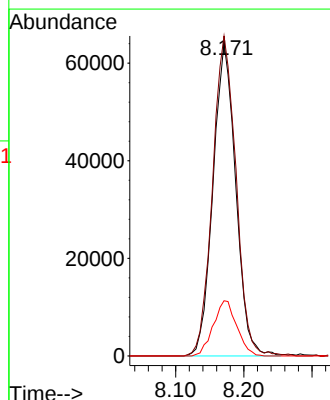
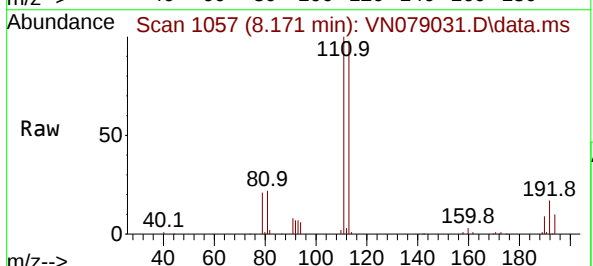
Delta R.T. -0.000 min

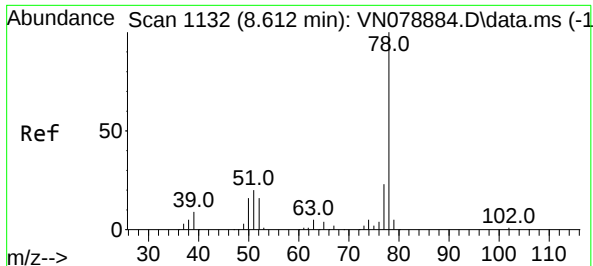
Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Tgt Ion:113 Resp: 148572

Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.6	123.8
192	18.2	12.7	19.1





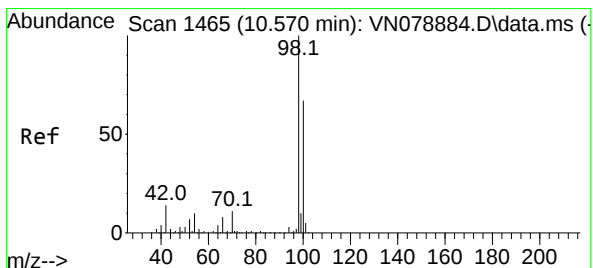
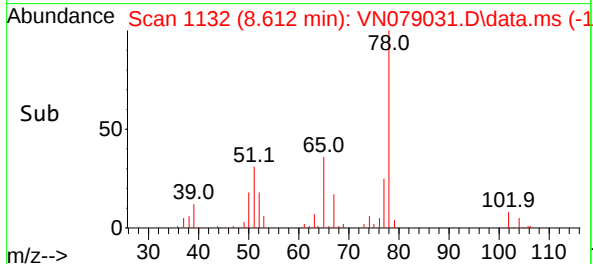
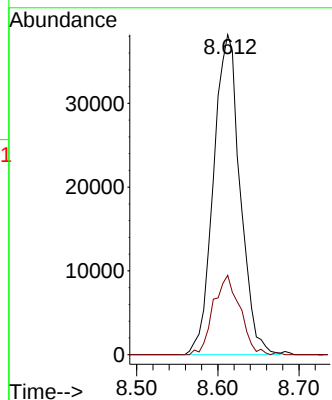
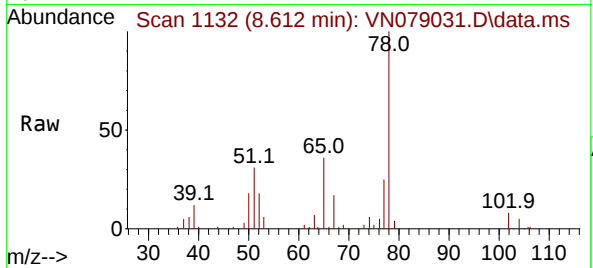
#40
Benzene
Concen: 6.558 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079031.D
Acq: 24 Aug 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z60-61

Tgt Ion: 78 Resp: 87179
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6

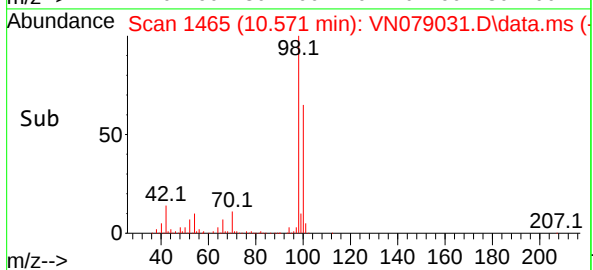
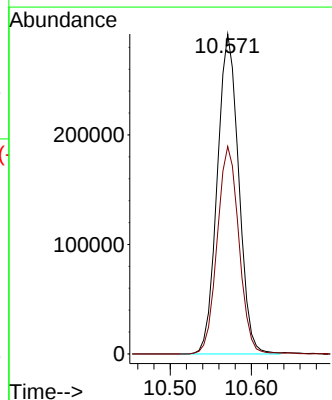
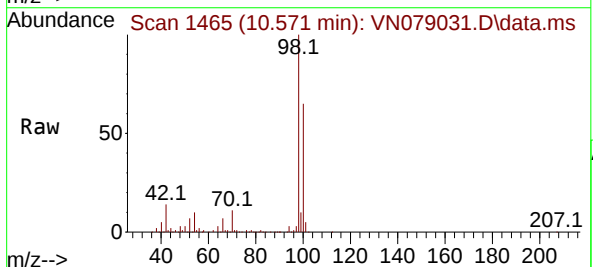
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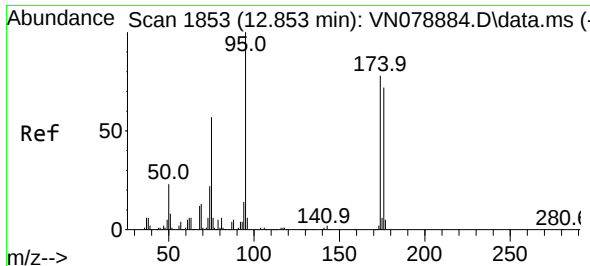
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#50
Toluene-d8
Concen: 48.281 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079031.D
Acq: 24 Aug 2023 15:05

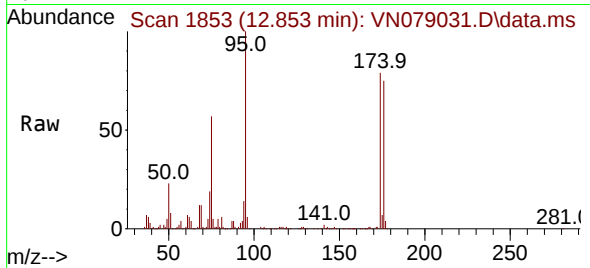
Tgt Ion: 98 Resp: 535965
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 58.022 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079031.D
Acq: 24 Aug 2023 15:05

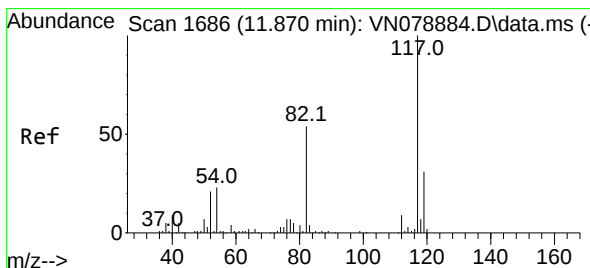
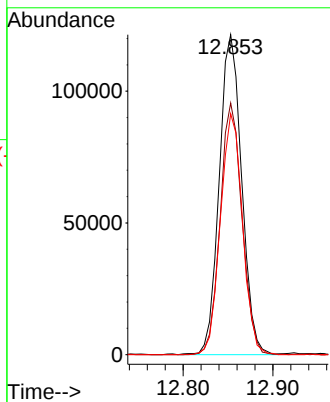
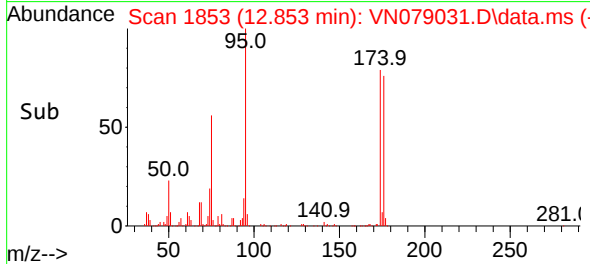
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z60-61



Tgt Ion: 95 Resp: 210529
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 74.1 0.0 135.8

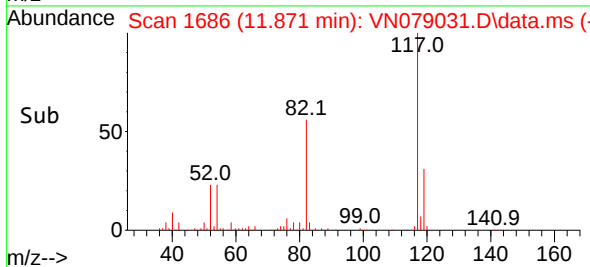
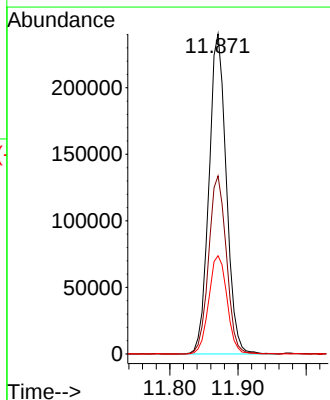
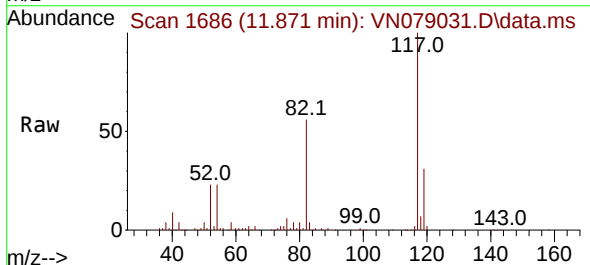
Manual Integrations
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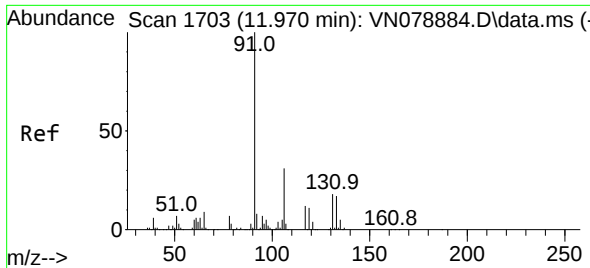
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079031.D
Acq: 24 Aug 2023 15:05

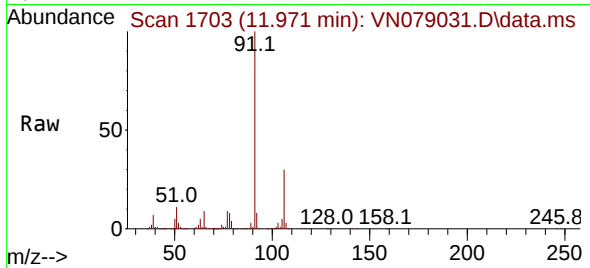
Tgt Ion:117 Resp: 426434
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 30.7 25.6 38.4





#67
Ethyl Benzene
Concen: 78.389 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079031.D
Acq: 24 Aug 2023 15:05

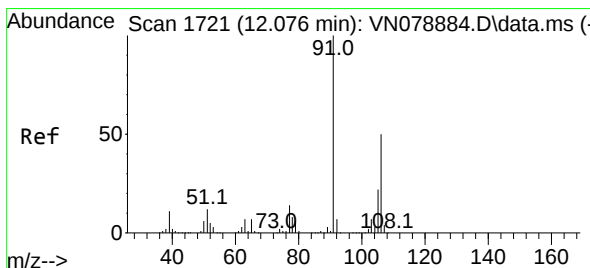
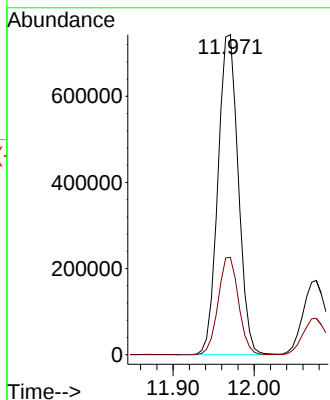
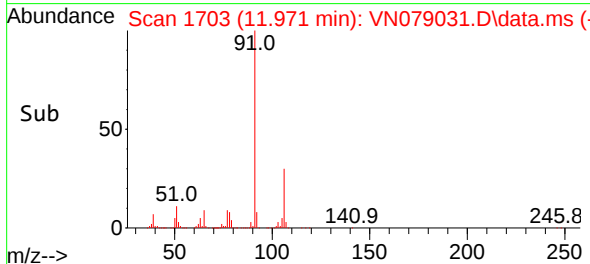
Instrument :
MSVOA_N
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NEVINS-SB05-Z60-61



Tgt Ion: 91 Resp: 1293978
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

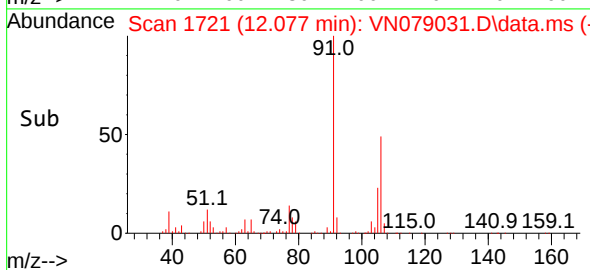
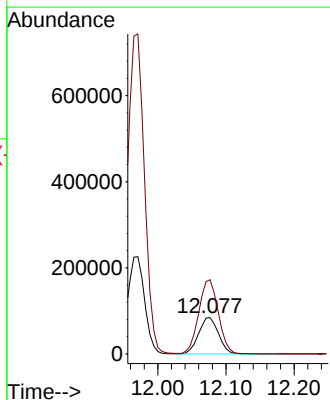
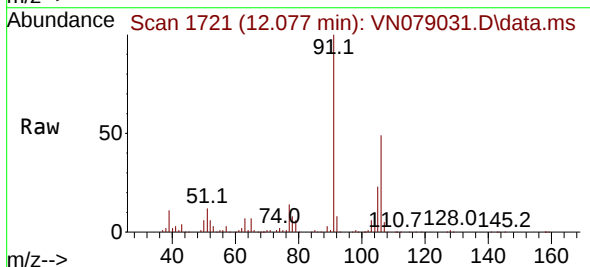
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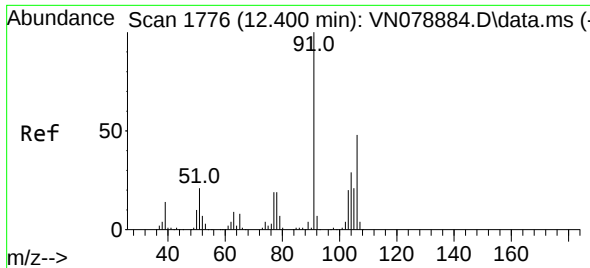
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#68
m/p-Xylenes
Concen: 27.582 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079031.D
Acq: 24 Aug 2023 15:05

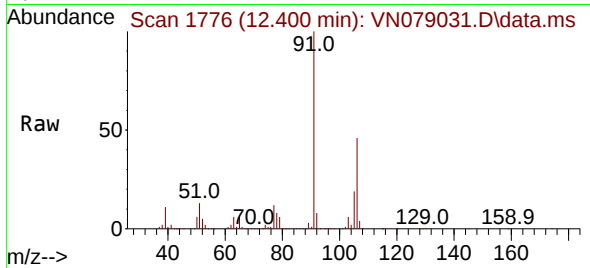
Tgt Ion:106 Resp: 170229
Ion Ratio Lower Upper
106 100
91 201.8 159.6 239.4





#69
o-Xylene
Concen: 22.080 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079031.D
Acq: 24 Aug 2023 15:05

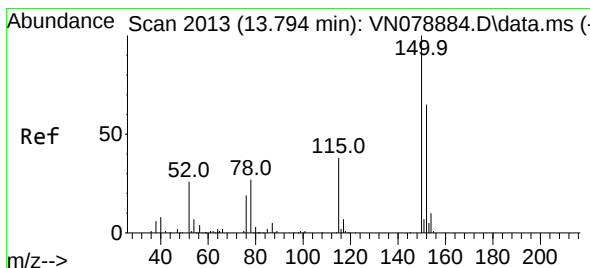
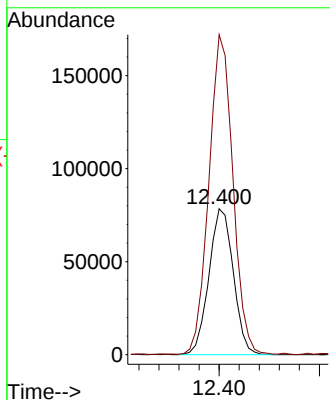
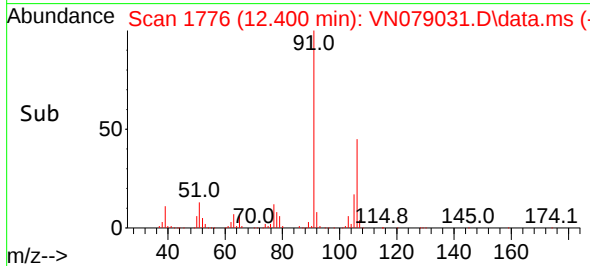
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z60-61



Tgt Ion:106 Resp: 13256
Ion Ratio Lower Upper
106 100
91 215.1 105.2 315.5

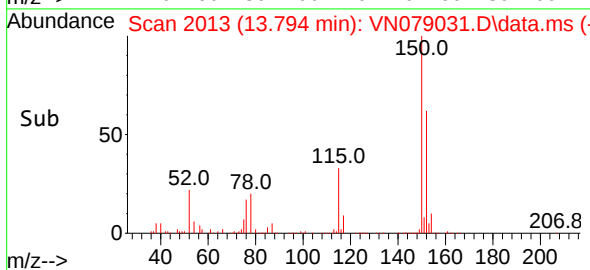
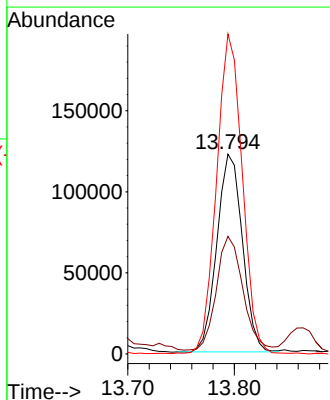
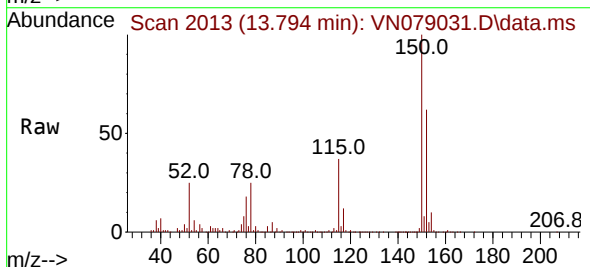
Manual Integrations
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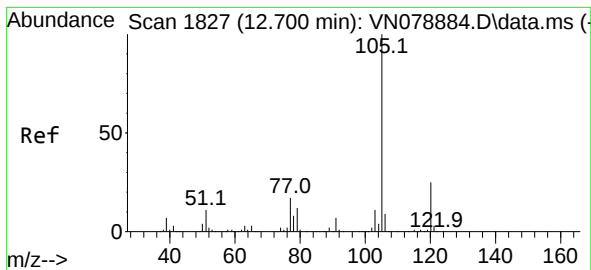
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN079031.D
Acq: 24 Aug 2023 15:05

Tgt Ion:152 Resp: 203075
Ion Ratio Lower Upper
152 100
115 59.1 32.3 96.8
150 163.9 0.0 355.8





#73

Isopropylbenzene

Concen: 6.178 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB05-Z60-61

Tgt Ion:105 Resp: 104604

Ion Ratio Lower Upper

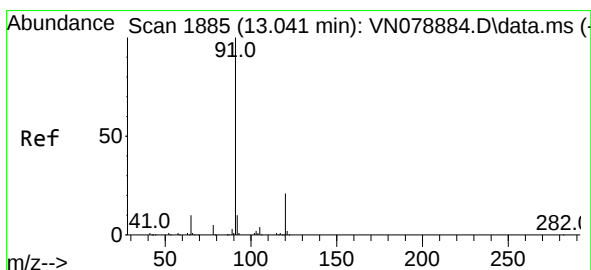
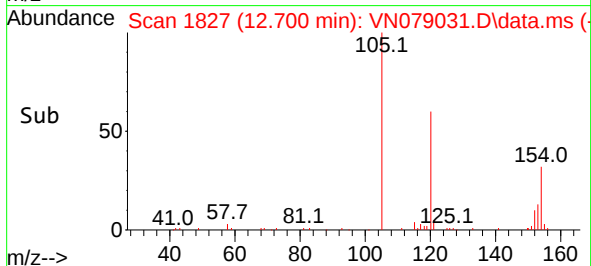
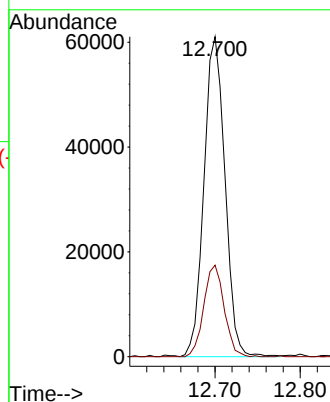
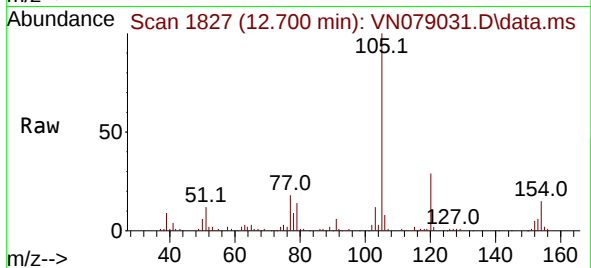
105 100

120 27.7 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: 2.212 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079031.D

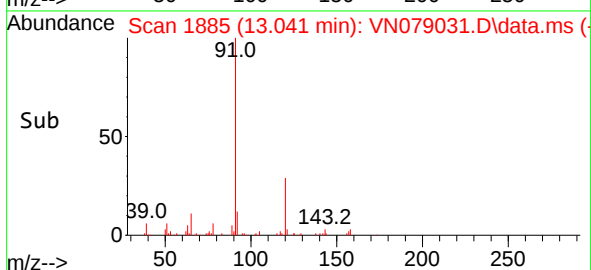
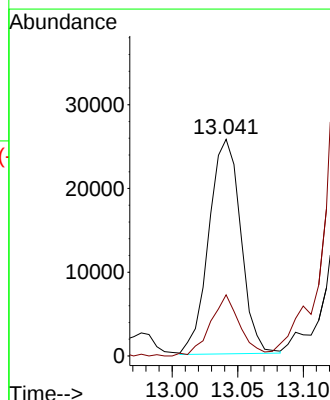
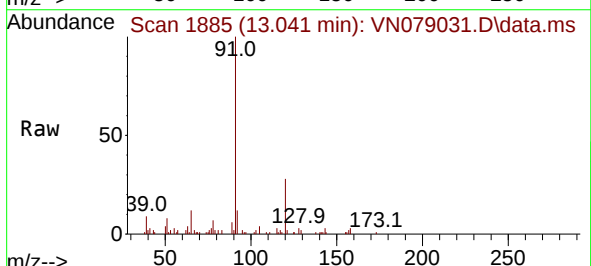
Acq: 24 Aug 2023 15:05

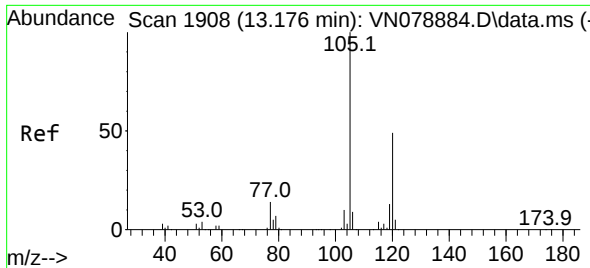
Tgt Ion: 91 Resp: 43429

Ion Ratio Lower Upper

91 100

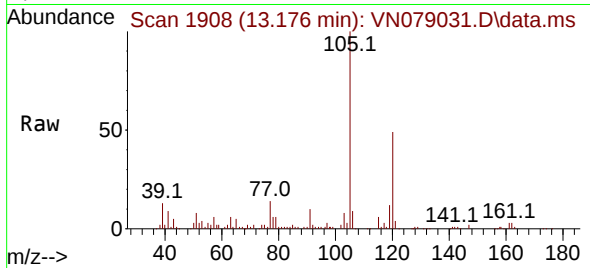
120 26.1 11.5 34.4





#80
 1,3,5-Trimethylbenzene
 Concen: 8.181 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079031.D
 Acq: 24 Aug 2023 15:05

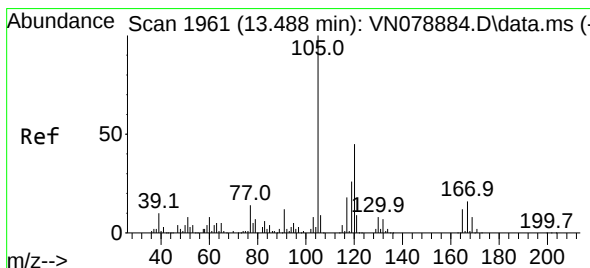
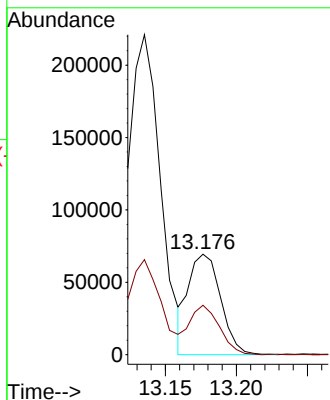
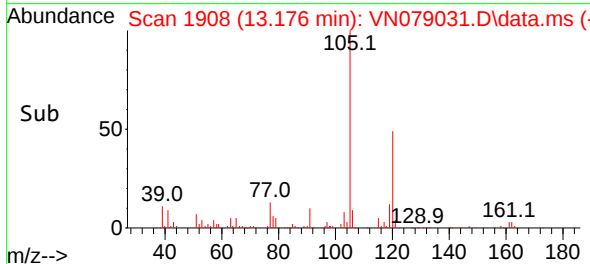
Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB05-Z60-61



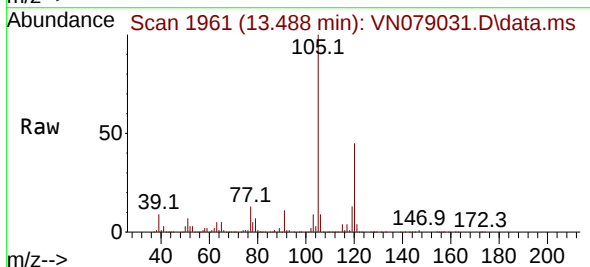
Tgt Ion:105 Resp: 109780
 Ion Ratio Lower Upper
 105 100
 120 45.9 24.1 72.3

Manual Integrations
 APPROVED

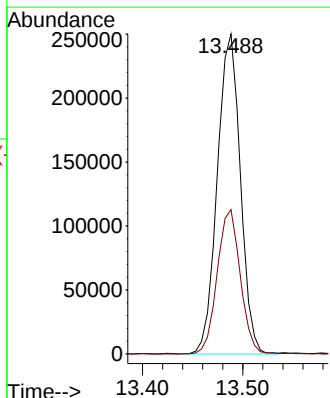
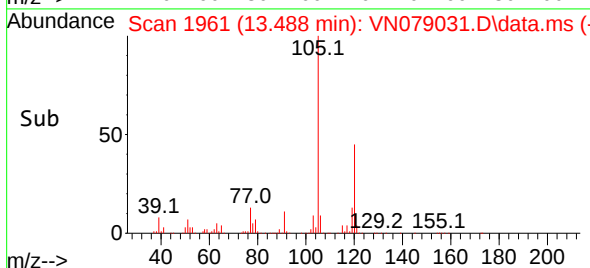
Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

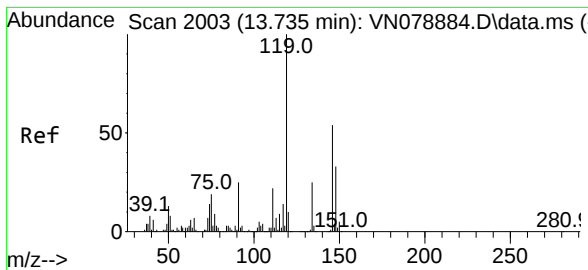


#84
 1,2,4-Trimethylbenzene
 Concen: 30.076 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079031.D
 Acq: 24 Aug 2023 15:05



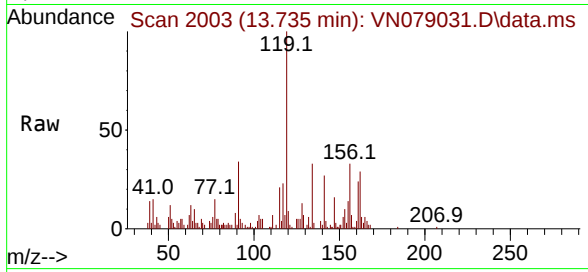
Tgt Ion:105 Resp: 399619
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.0 66.0





#86
 p-Isopropyltoluene
 Concen: 3.190 ug/l m
 RT: 13.735 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079031.D
 Acq: 24 Aug 2023 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB05-Z60-61



Tgt Ion:	119	Resp:	39550
Ion	Ratio	Lower	Upper
119	100		
134	44.0	12.6	37.8
91	39.6	12.4	37.2

Manual Integrations
 APPROVED

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

