

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079028.D
 Acq On : 24 Aug 2023 13:53
 Operator : JC\MD
 Sample : 04047-03
 Misc : 5.17g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 25 01:13:11 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)

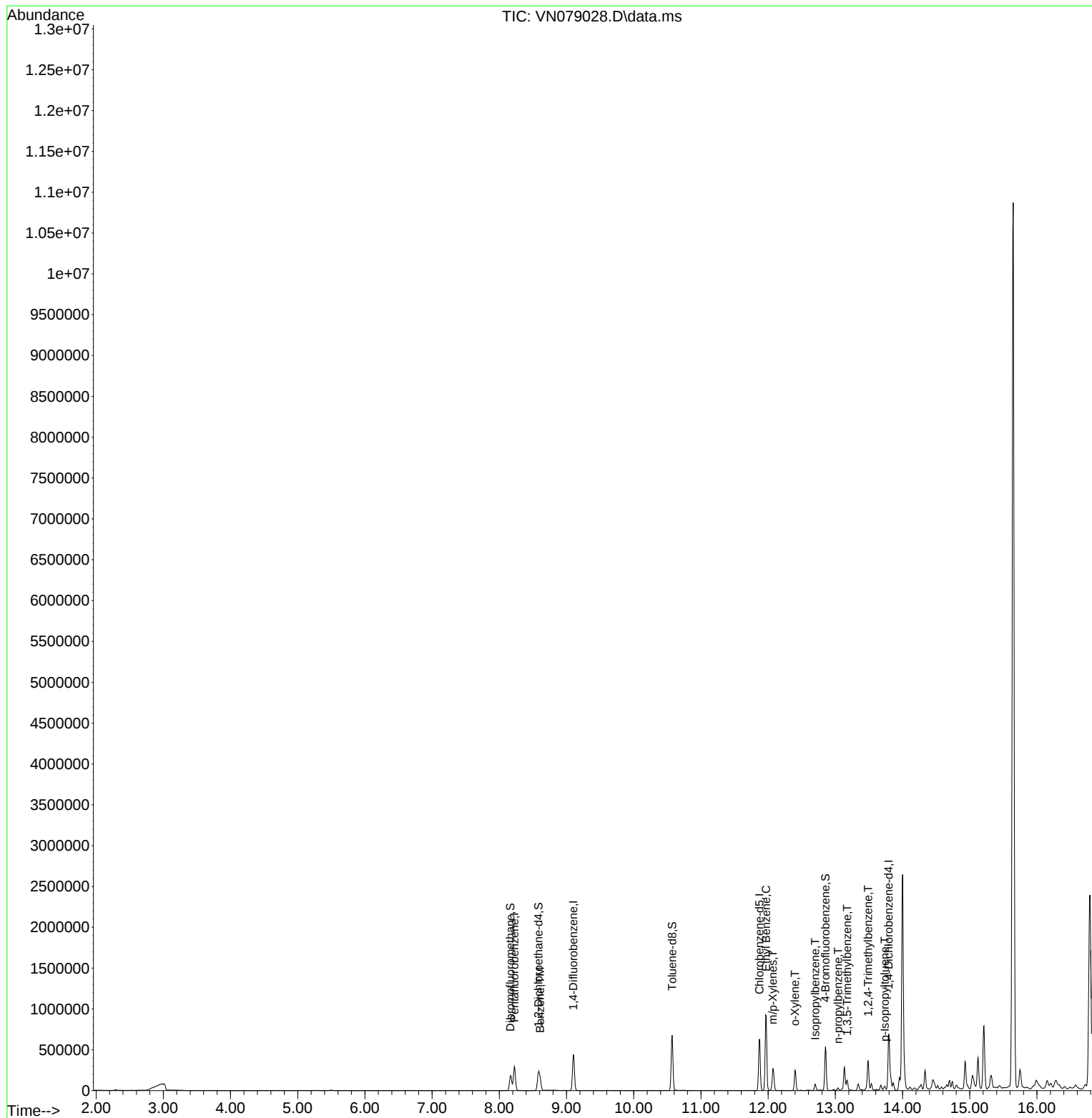
Internal Standards						
1) Pentafluorobenzene	8.224	168	201607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	371203	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.871	117	347094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154066	49.110	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.220%
35) Dibromofluoromethane	8.165	113	129366	51.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.540%
50) Toluene-d8	10.571	98	450287	48.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.853	95	168767	55.651	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.300%
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	127573	11.483	ug/l	97
67) Ethyl Benzene	11.971	91	668242	49.735	ug/l	98
68) m/p-Xylenes	12.071	106	81281	16.180	ug/l	93
69) o-Xylene	12.400	106	65541	13.412	ug/l	96
73) Isopropylbenzene	12.700	105	46784	3.099	ug/l	97
78) n-propylbenzene	13.041	91	22450	1.282	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	55252	4.618	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	201547	17.013	ug/l	98
86) p-Isopropyltoluene	13.735	119	20776	1.880	ug/l	93

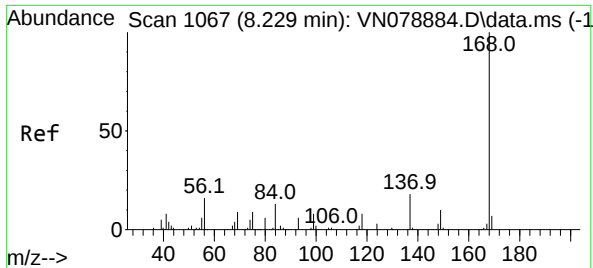
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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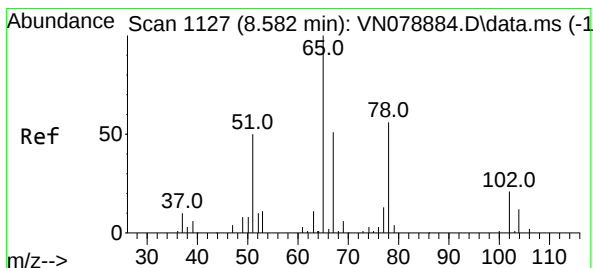
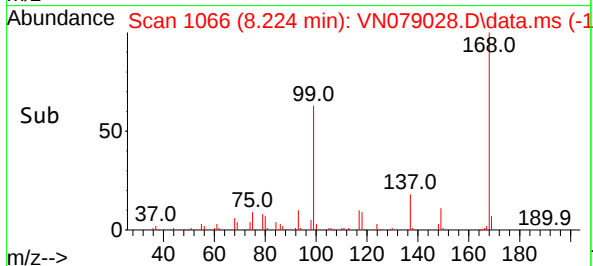
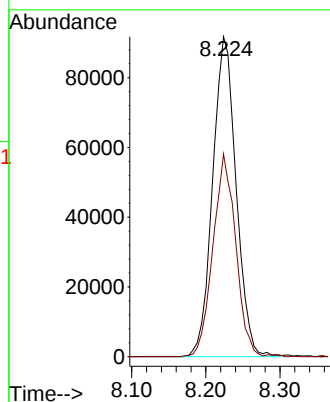
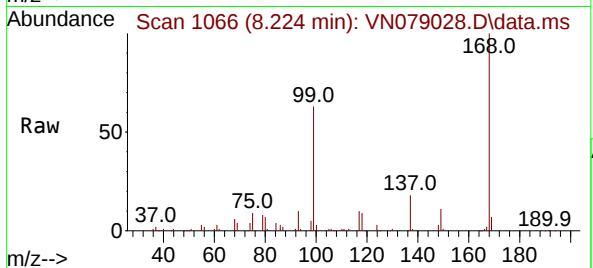




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

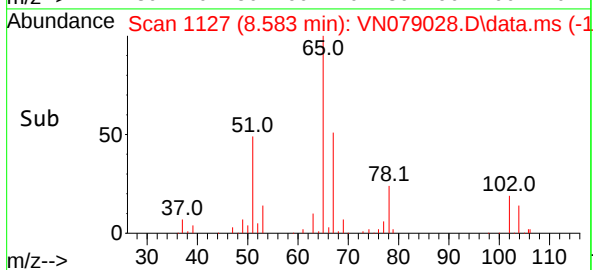
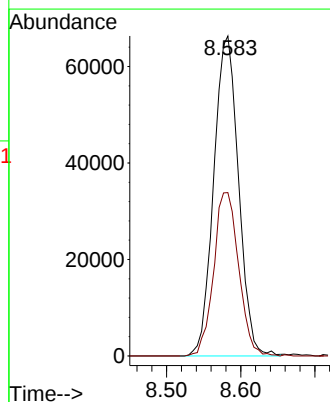
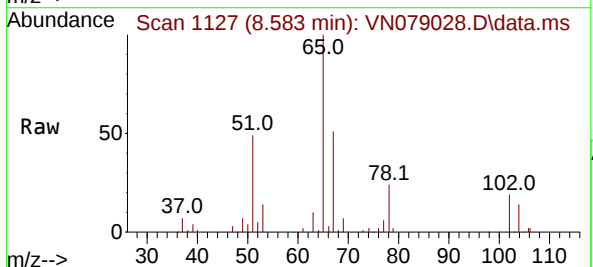
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z60-61-Q

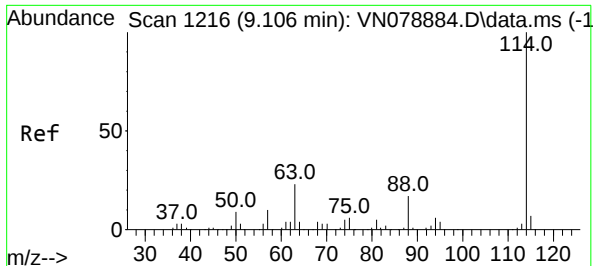
Tgt Ion:168 Resp: 201607
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.110 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 65 Resp: 154066
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB05-Z60-61-Q

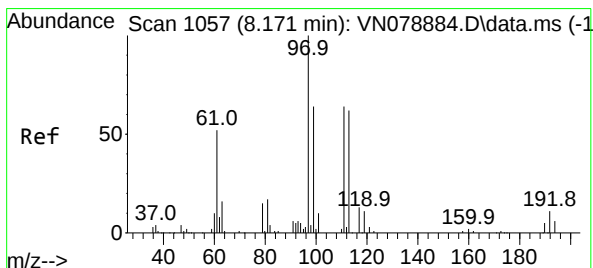
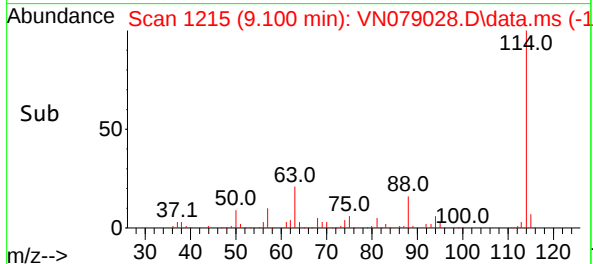
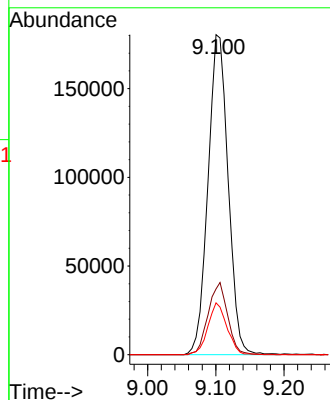
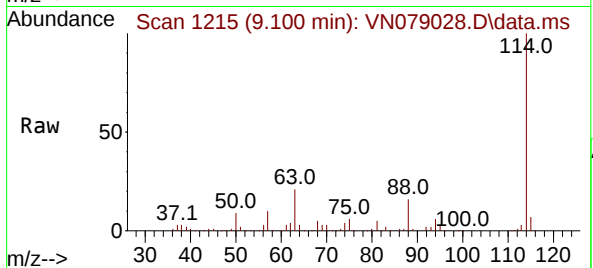
Tgt Ion:114 Resp: 371203

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.772 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

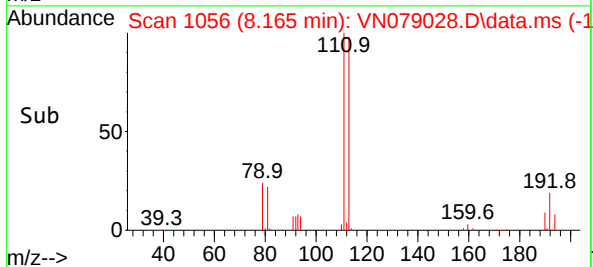
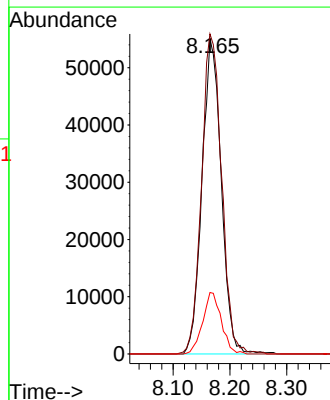
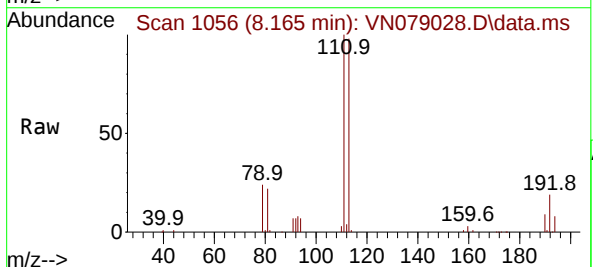
Tgt Ion:113 Resp: 129366

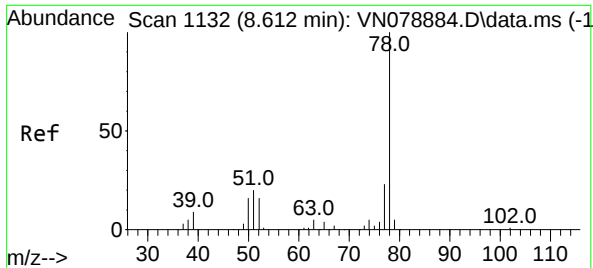
Ion Ratio Lower Upper

113 100

111 105.2 82.6 123.8

192 18.9 12.7 19.1

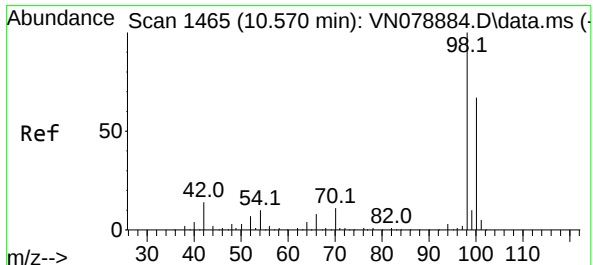
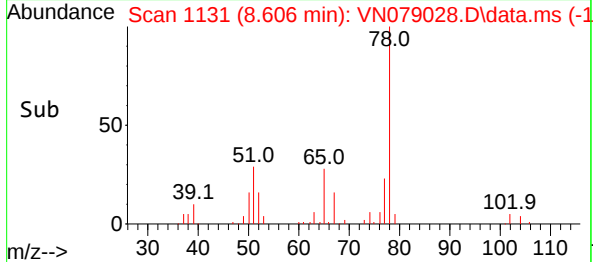
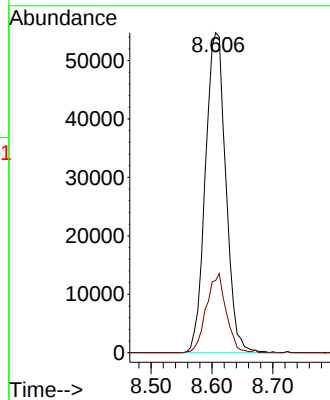
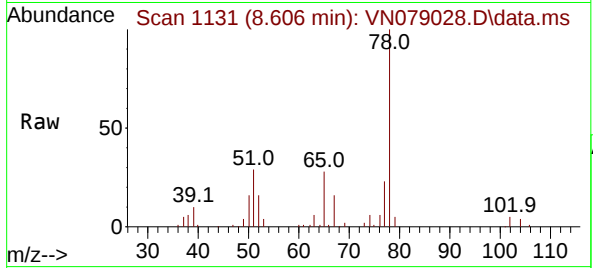




#40
Benzene
Concen: 11.483 ug/l
RT: 8.606 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

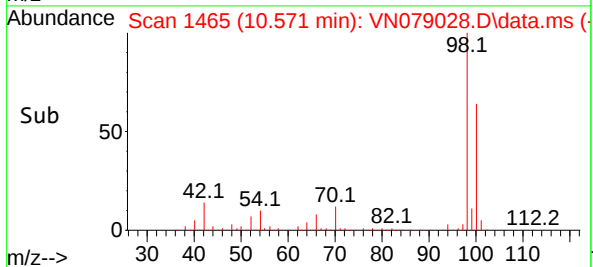
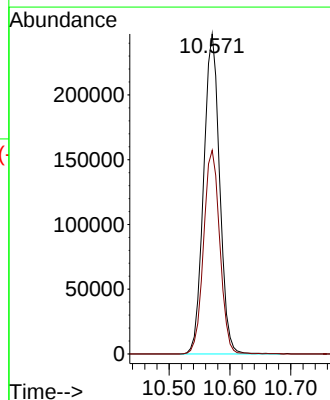
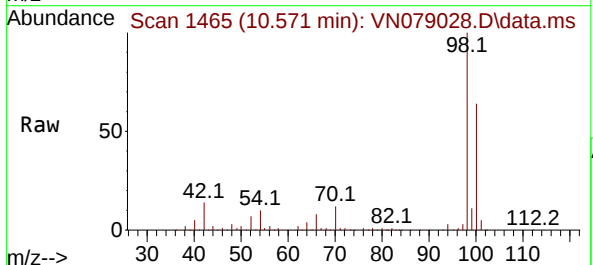
Instrument :
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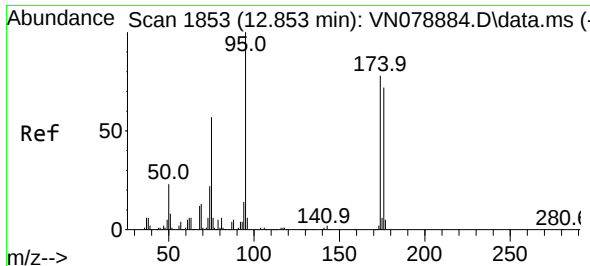
Tgt Ion: 78 Resp: 127573
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6



#50
Toluene-d8
Concen: 48.532 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 98 Resp: 450287
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

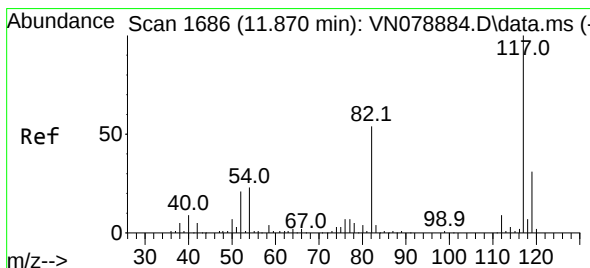
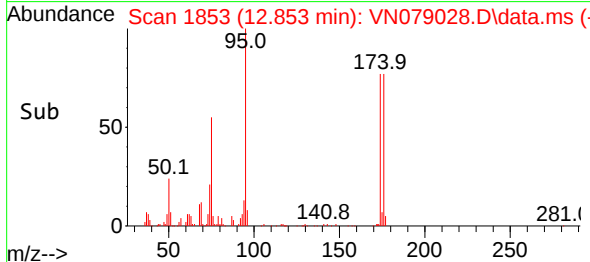
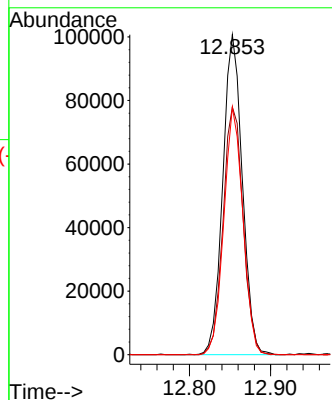
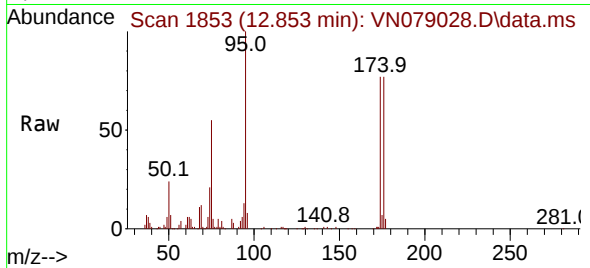




#62
4-Bromofluorobenzene
Concen: 55.651 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

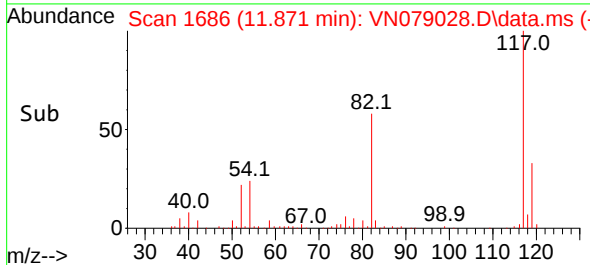
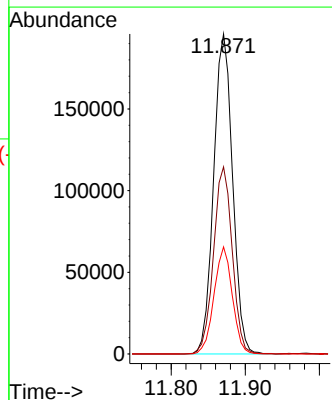
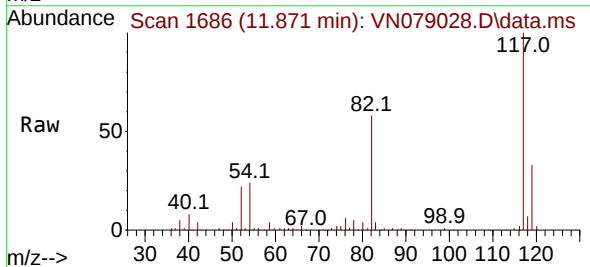
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z60-61-Q

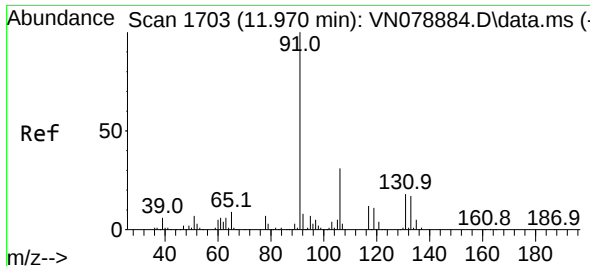
Tgt Ion: 95 Resp: 168767
Ion Ratio Lower Upper
95 100
174 79.3 0.0 143.8
176 75.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 117 Resp: 347094
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 33.4 25.6 38.4

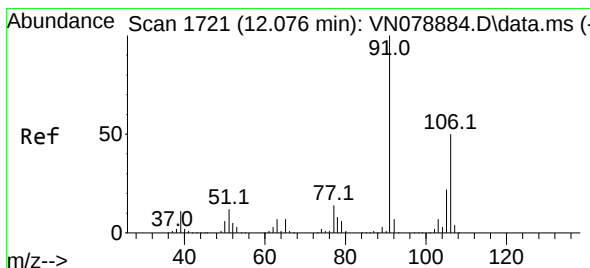
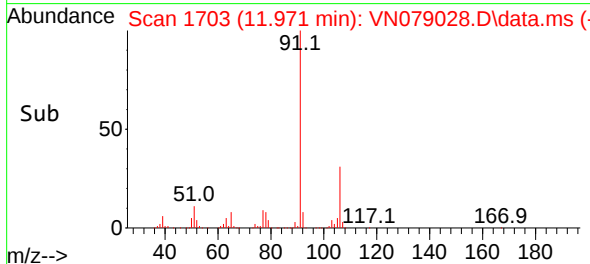
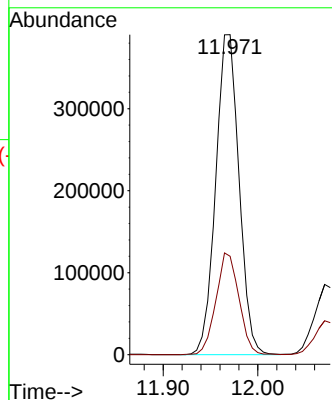
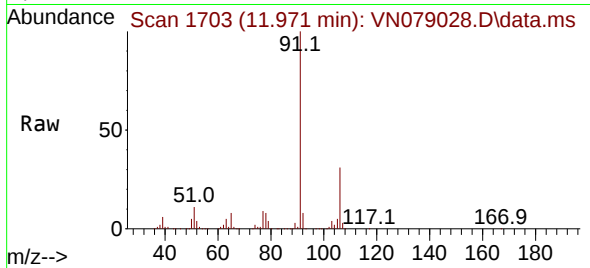




#67
Ethyl Benzene
Concen: 49.735 ug/l
RT: 11.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

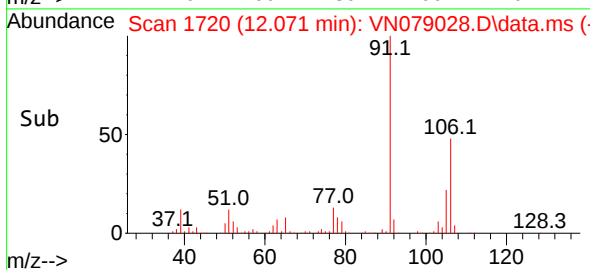
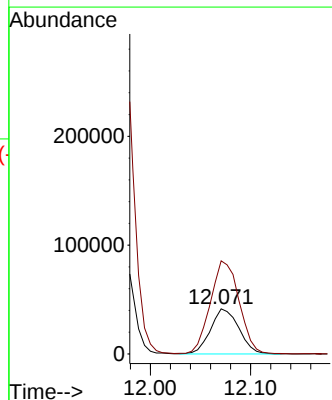
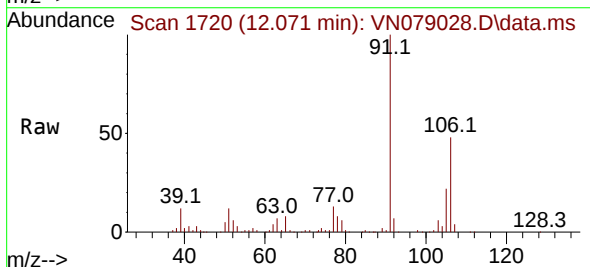
Instrument :
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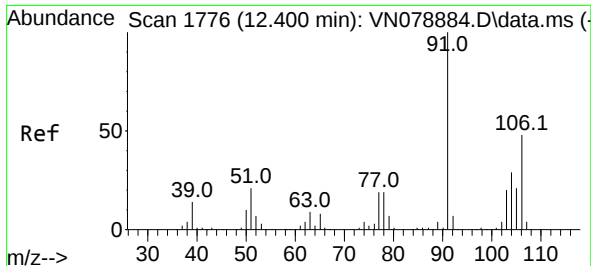
Tgt Ion: 91 Resp: 668242
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4



#68
m/p-Xylenes
Concen: 16.180 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 106 Resp: 81281
Ion Ratio Lower Upper
106 100
91 209.6 159.6 239.4





#69

o-Xylene

Concen: 13.412 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

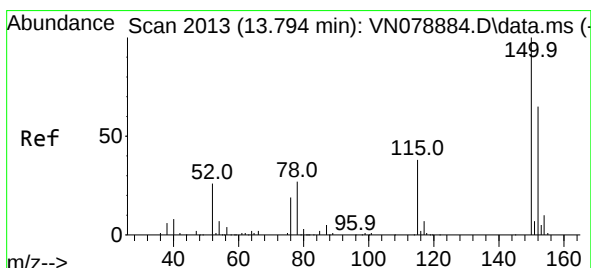
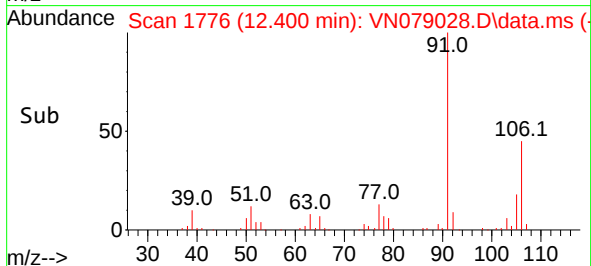
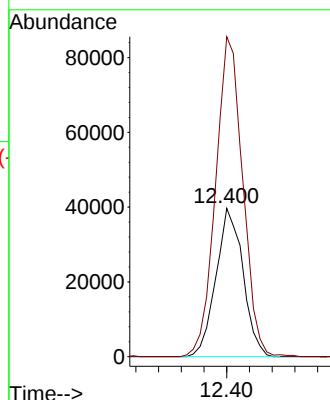
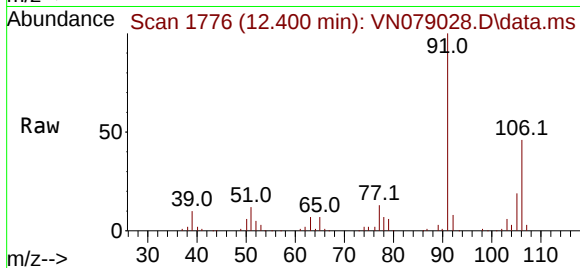
NEVINS-SB05-Z60-61-Q

Tgt Ion:106 Resp: 65541

Ion Ratio Lower Upper

106 100

91 217.0 105.2 315.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

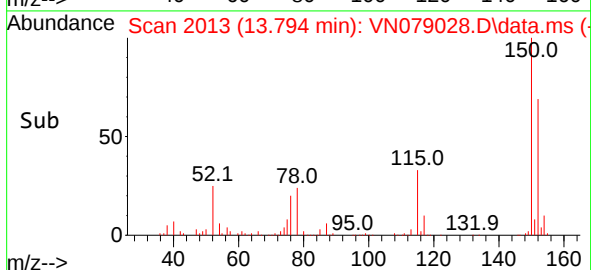
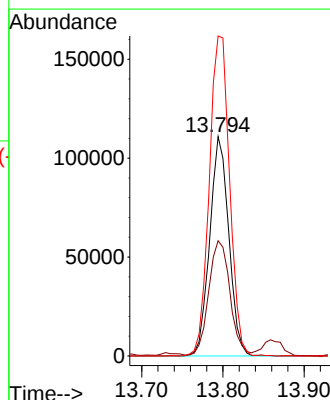
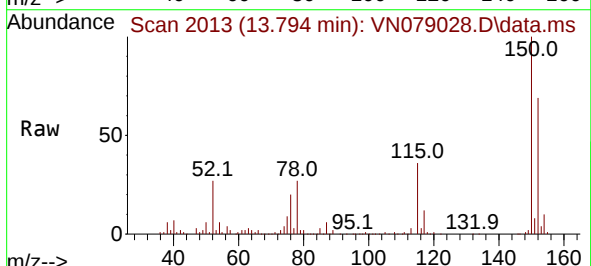
Tgt Ion:152 Resp: 181059

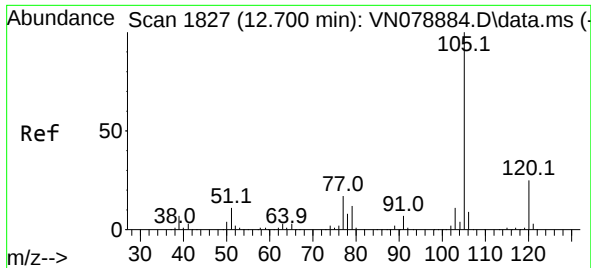
Ion Ratio Lower Upper

152 100

115 57.3 32.3 96.8

150 154.9 0.0 355.8

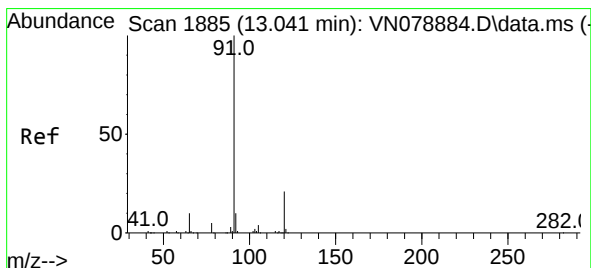
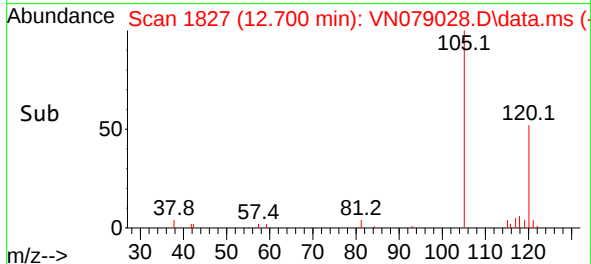
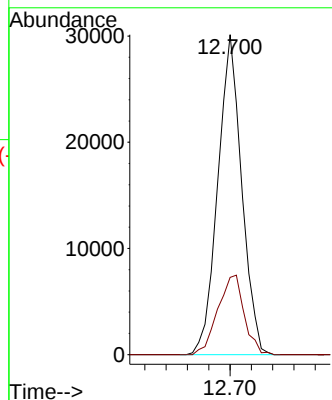
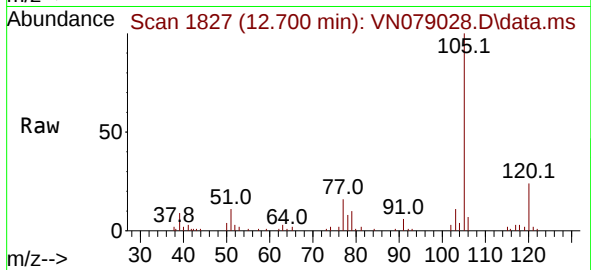




#73
Isopropylbenzene
Concen: 3.099 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

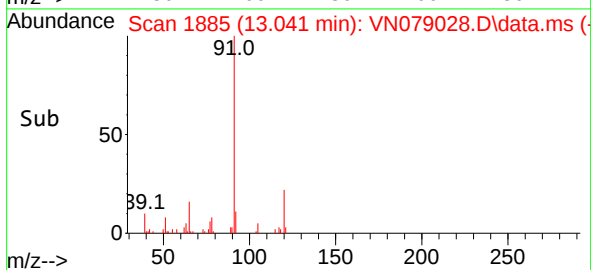
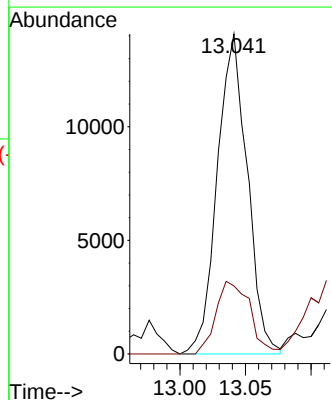
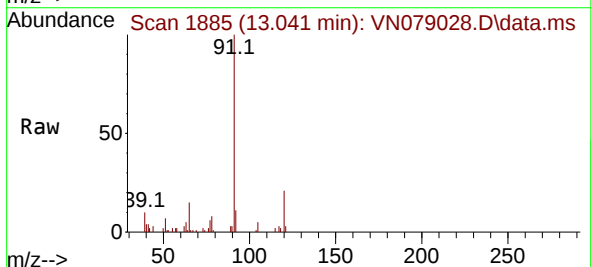
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB05-Z60-61-Q

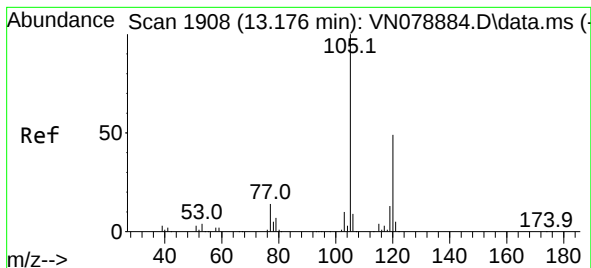
Tgt Ion:105 Resp: 46784
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.1



#78
n-propylbenzene
Concen: 1.282 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 91 Resp: 22450
Ion Ratio Lower Upper
91 100
120 25.7 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 4.618 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

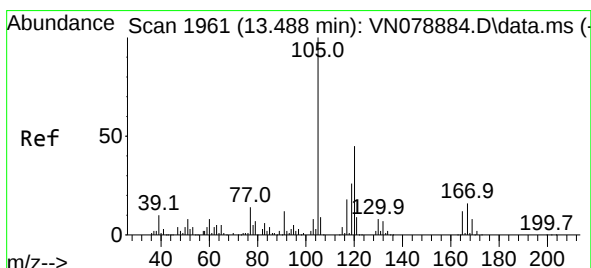
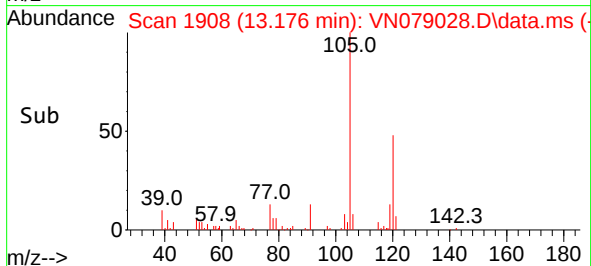
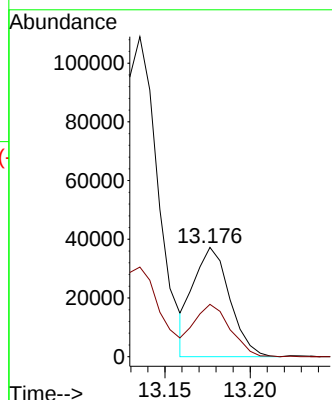
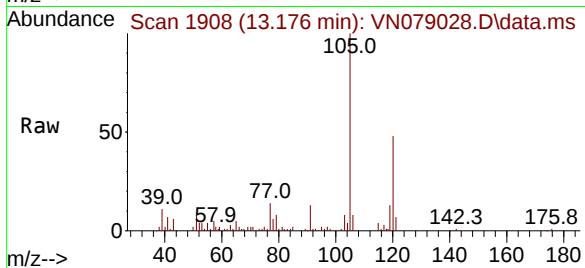
NEVINS-SB05-Z60-61-Q

Tgt Ion:105 Resp: 55252

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 17.013 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079028.D

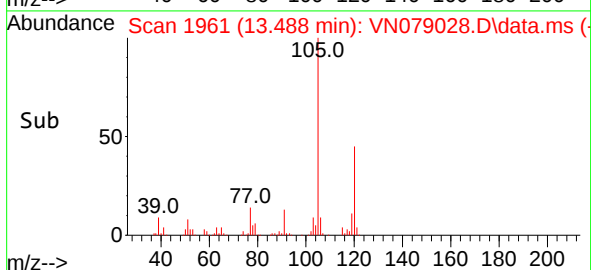
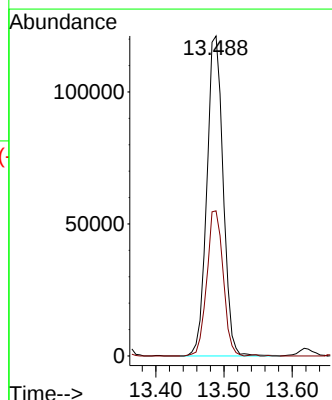
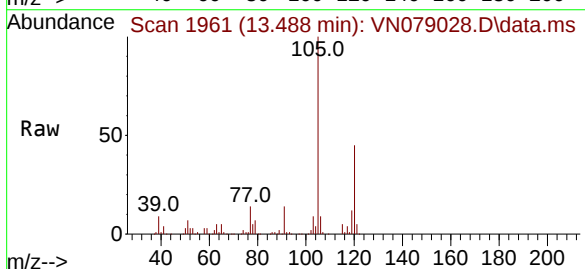
Acq: 24 Aug 2023 13:53

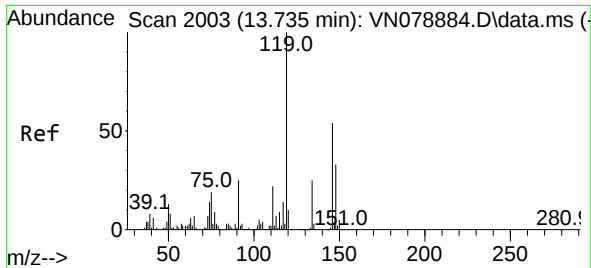
Tgt Ion:105 Resp: 201547

Ion Ratio Lower Upper

105 100

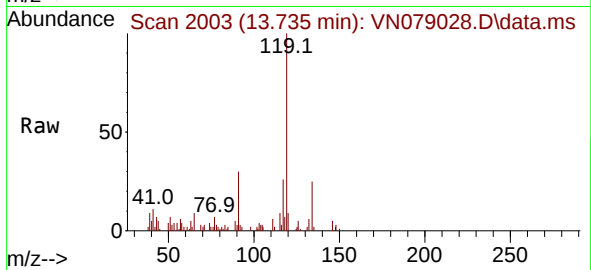
120 45.5 22.0 66.0





#86
 p-Isopropyltoluene
 Concen: 1.880 ug/l
 RT: 13.735 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079028.D
 Acq: 24 Aug 2023 13:53

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



Tgt Ion:	119	Resp:	20776
Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.6	37.8
91	31.4	12.4	37.2

