

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079034.D
 Acq On : 24 Aug 2023 16:18
 Operator : JC\MD
 Sample : 04093-01 20X
 Misc : 6.84g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB04-Z45-46

Quant Time: Aug 25 02:54:56 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)

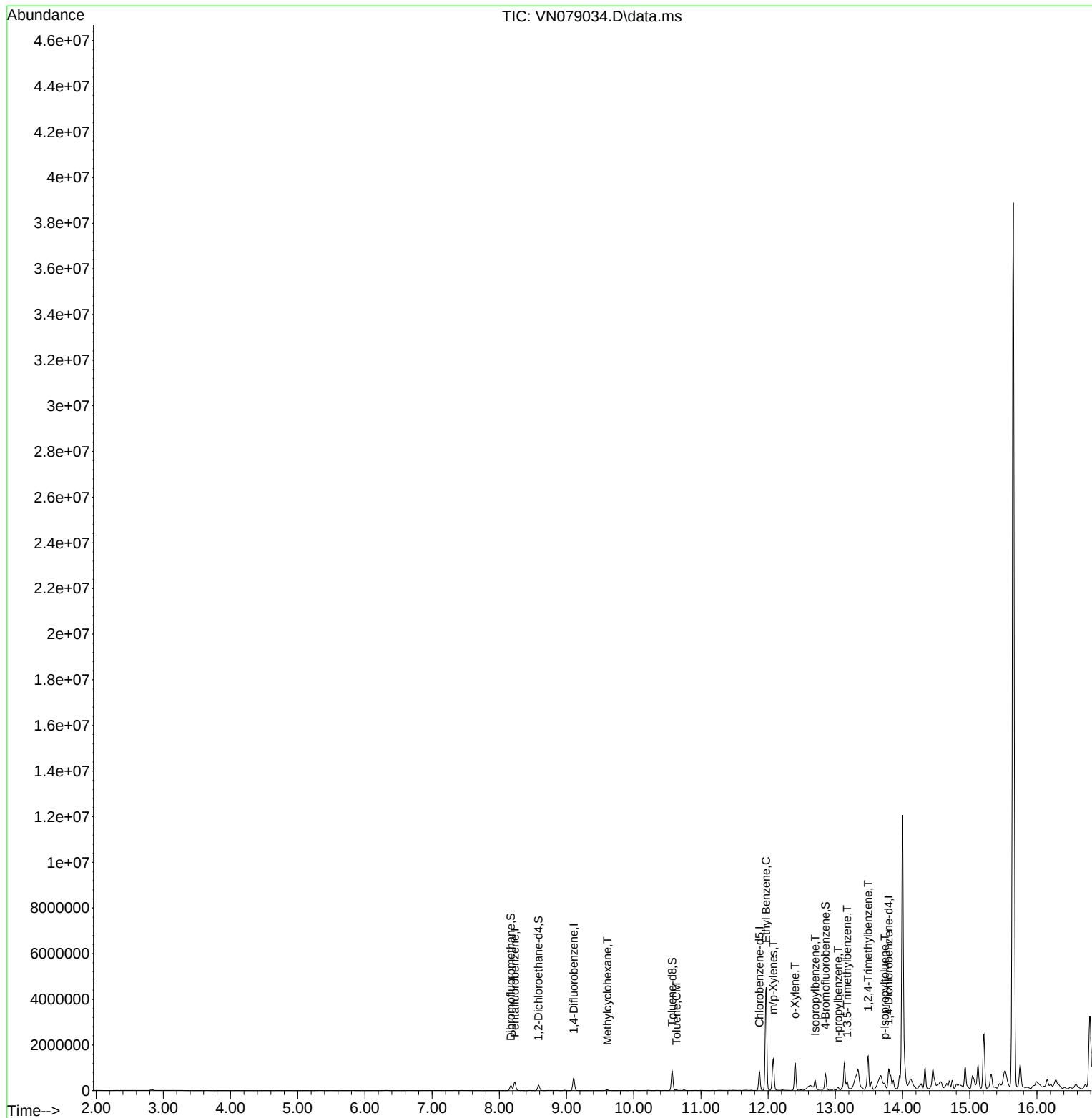
Internal Standards						
1) Pentafluorobenzene	8.230	168	266715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	468885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	454120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185622	44.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.440%
35) Dibromofluoromethane	8.171	113	159515	50.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	10.571	98	565313	48.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.853	95	226126	59.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.060%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	15383	3.523	ug/l	88
52) Toluene	10.635	92	13774	1.599	ug/l	88
67) Ethyl Benzene	11.971	91	3288559	187.074	ug/l	98
68) m/p-Xylenes	12.077	106	433979	66.030	ug/l	100
69) o-Xylene	12.400	106	336557	52.641	ug/l	97
73) Isopropylbenzene	12.700	105	254719	13.703	ug/l	99
78) n-propylbenzene	13.041	91	103143	4.785	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	135198	9.178	ug/l	84
84) 1,2,4-Trimethylbenzene	13.488	105	842061	57.731	ug/l	98
86) p-Isopropyltoluene	13.735	119	66711	4.902	ug/l #	73

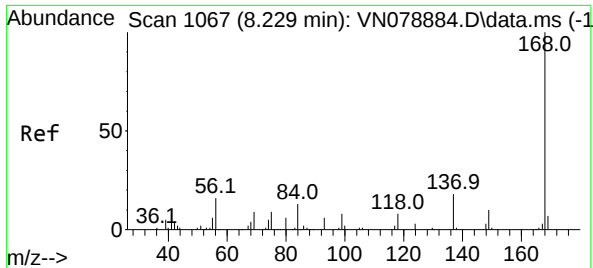
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
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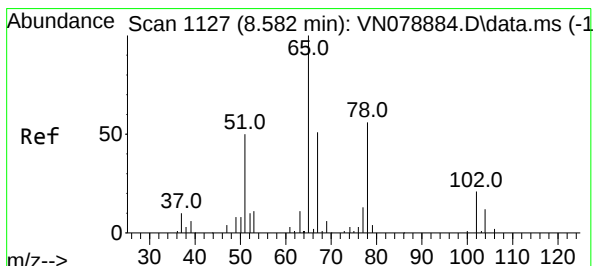
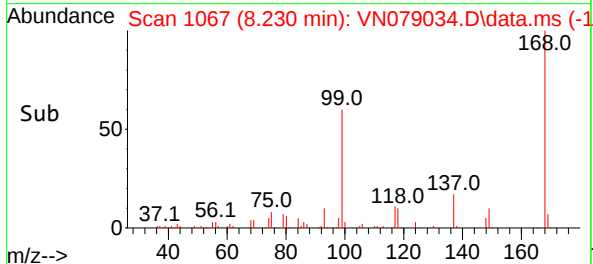
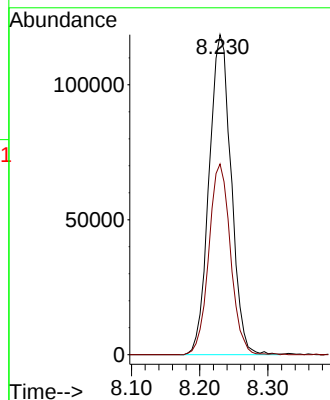
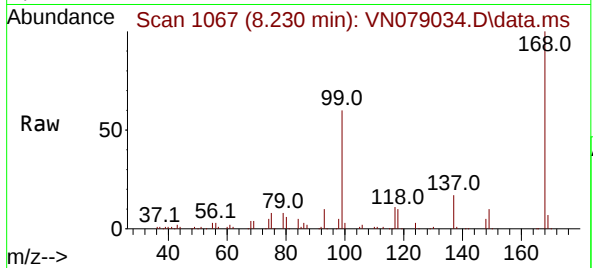




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN079034.D
Acq: 24 Aug 2023 16:18

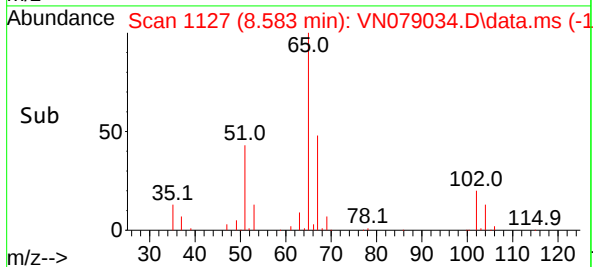
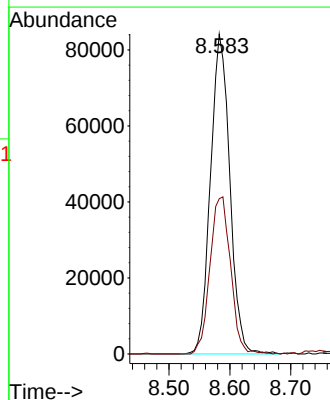
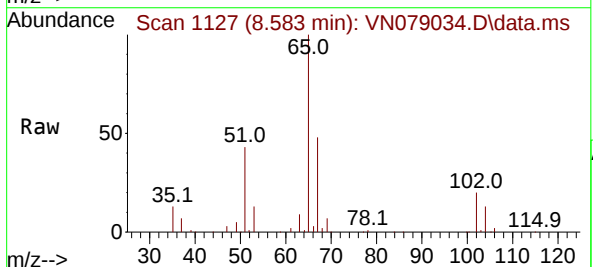
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z45-46

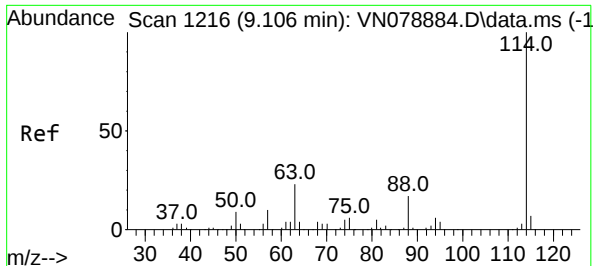
Tgt Ion:168 Resp: 266715
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.725 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079034.D
Acq: 24 Aug 2023 16:18

Tgt Ion: 65 Resp: 185622
Ion Ratio Lower Upper
65 100
67 52.4 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: VN079034.D

Acq: 24 Aug 2023 16:18

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z45-46

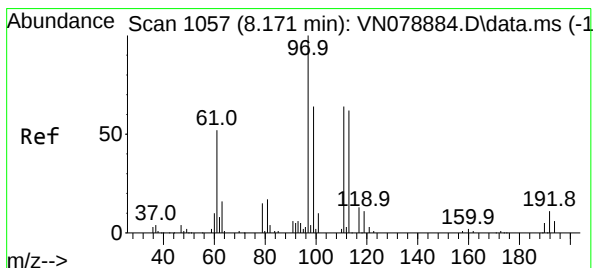
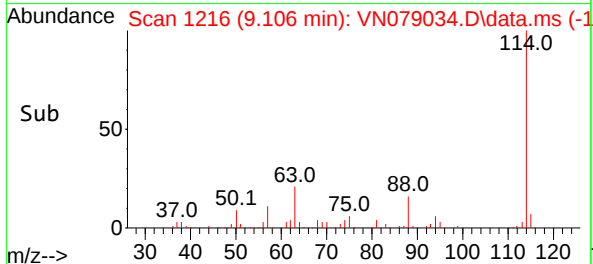
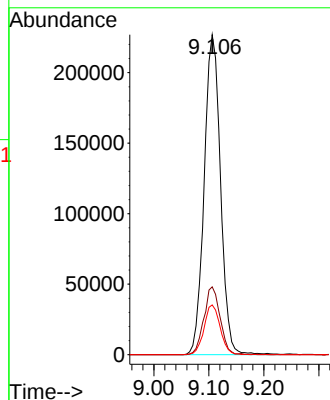
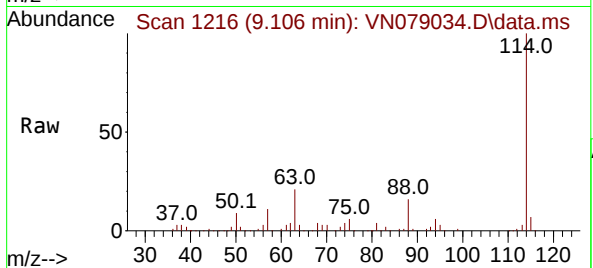
Tgt Ion:114 Resp: 468885

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.539 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079034.D

Acq: 24 Aug 2023 16:18

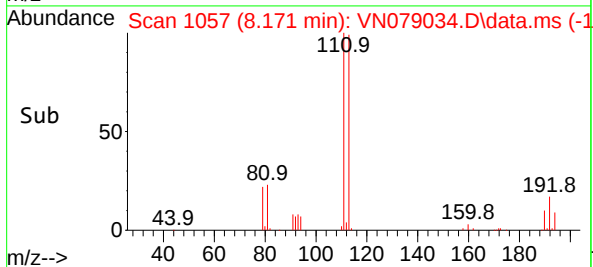
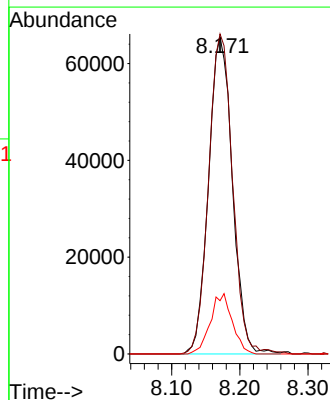
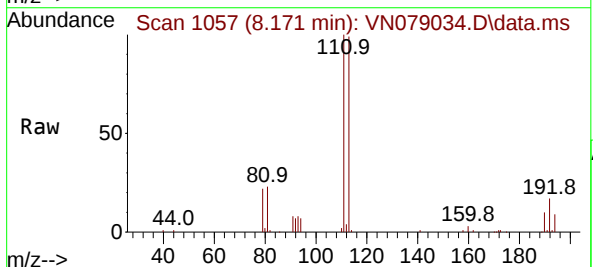
Tgt Ion:113 Resp: 159515

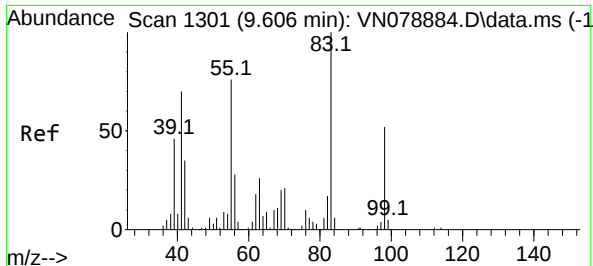
Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 17.5 12.7 19.1





#39

Methylcyclohexane

Concen: 3.523 ug/l

RT: 9.606 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079034.D

Acq: 24 Aug 2023 16:18

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z45-46

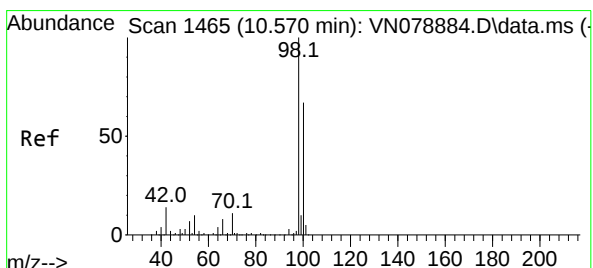
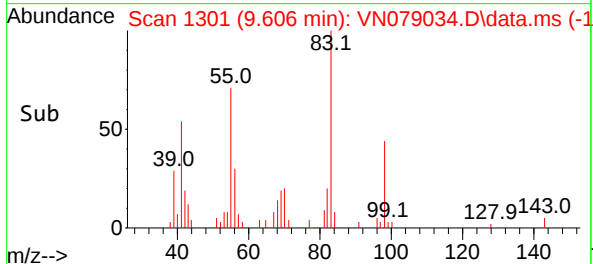
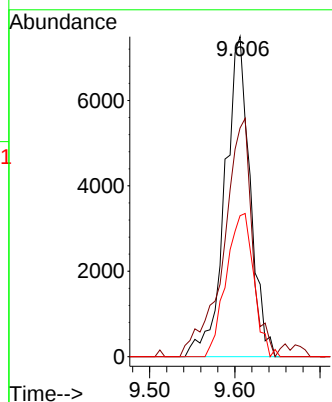
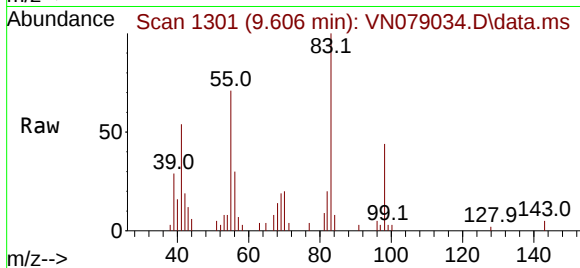
Tgt Ion: 83 Resp: 15383

Ion Ratio Lower Upper

83 100

55 71.5 49.1 73.7

98 44.1 40.6 61.0



#50

Toluene-d8

Concen: 48.237 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079034.D

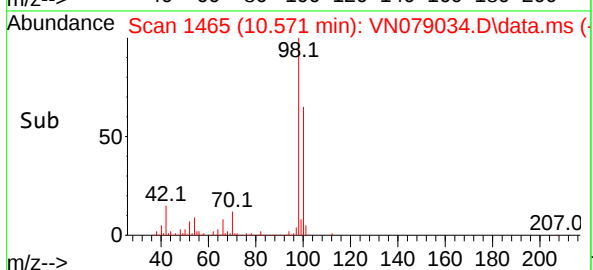
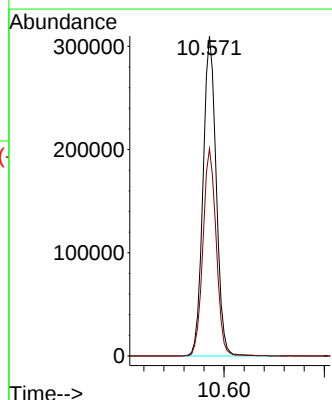
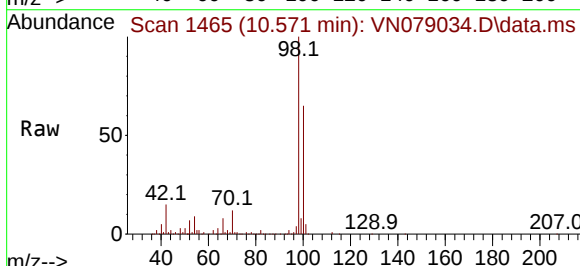
Acq: 24 Aug 2023 16:18

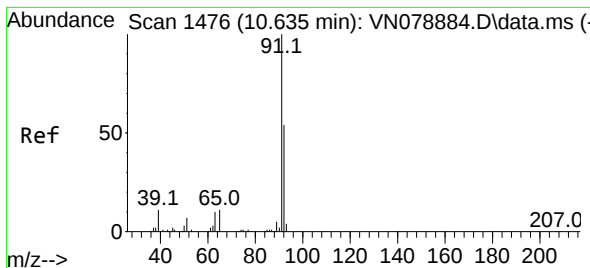
Tgt Ion: 98 Resp: 565313

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





#52

Toluene

Concen: 1.599 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079034.D

Acq: 24 Aug 2023 16:18

Instrument :

MSVOA_N

ClientSampleId :

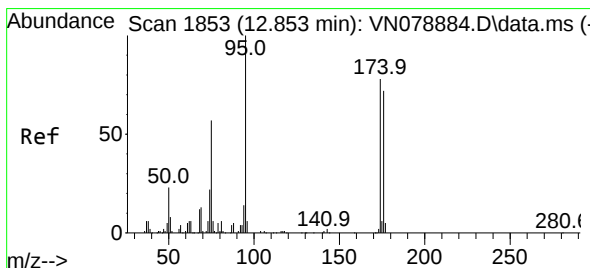
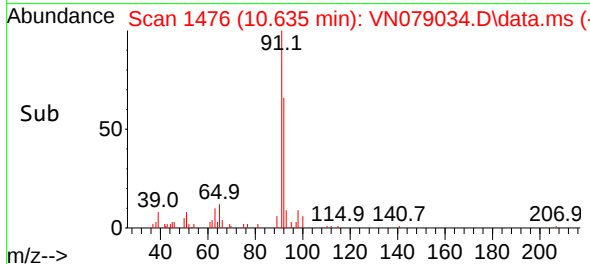
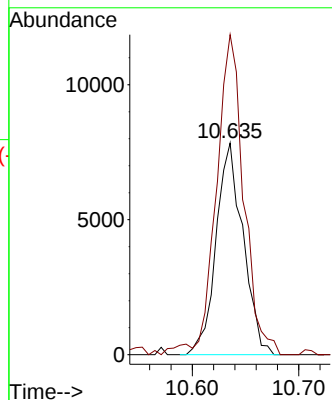
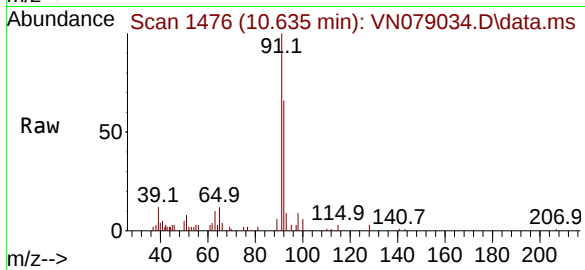
NEVINS-SB04-Z45-46

Tgt Ion: 92 Resp: 13774

Ion Ratio Lower Upper

92 100

91 154.7 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 59.031 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079034.D

Acq: 24 Aug 2023 16:18

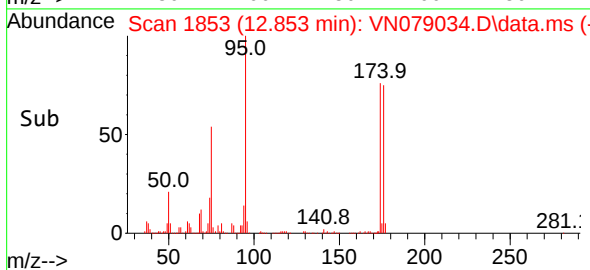
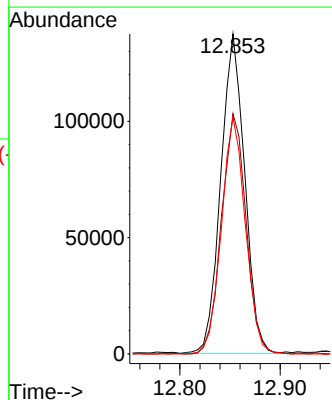
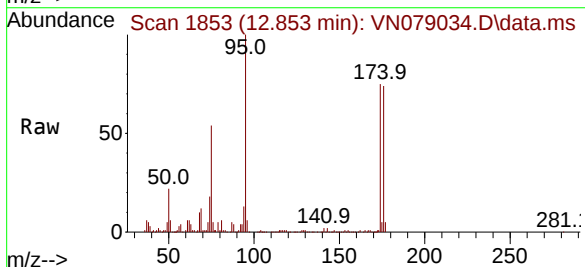
Tgt Ion: 95 Resp: 226126

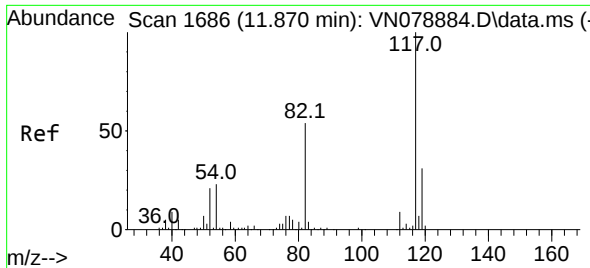
Ion Ratio Lower Upper

95 100

174 77.3 0.0 143.8

176 74.7 0.0 135.8

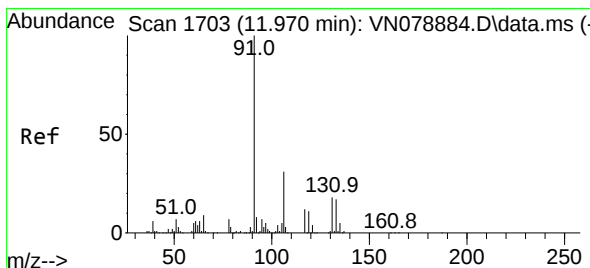
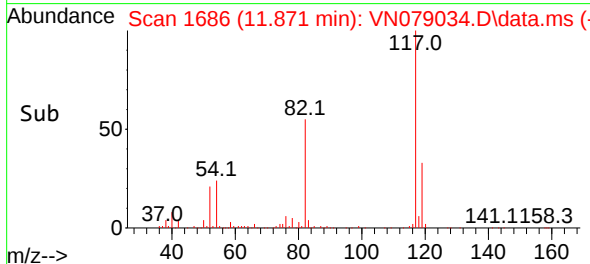
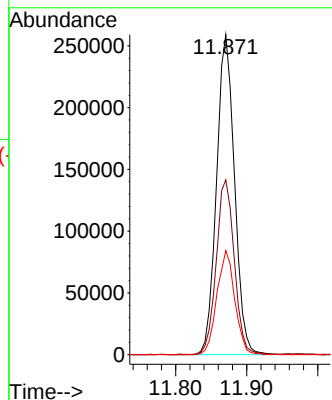
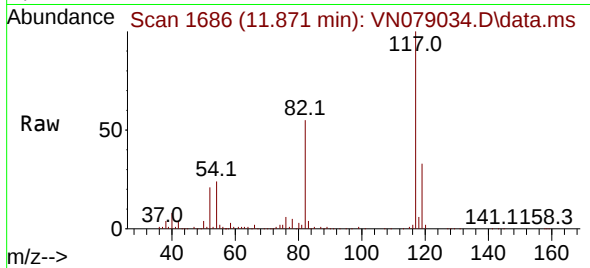




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN079034.D
Acq: 24 Aug 2023 16:18

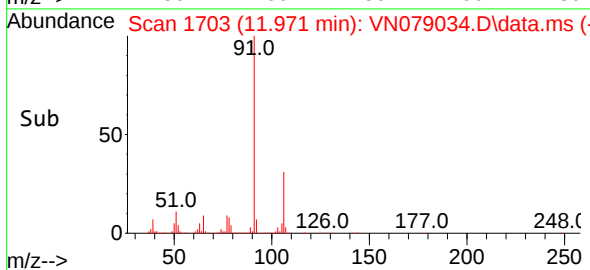
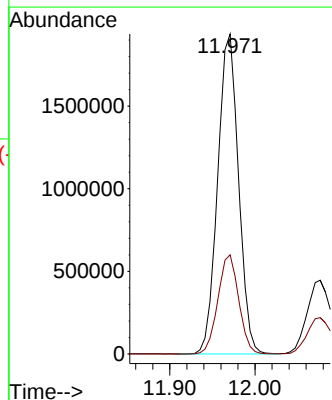
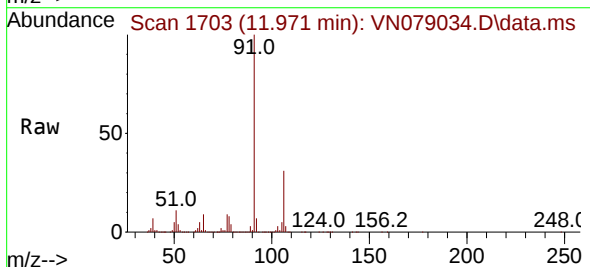
Instrument :
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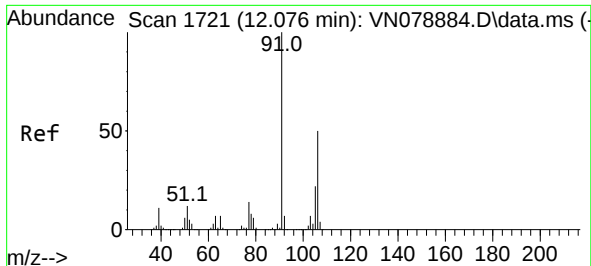
Tgt Ion:117 Resp: 454120
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 32.6 25.6 38.4



#67
Ethyl Benzene
Concen: 187.074 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079034.D
Acq: 24 Aug 2023 16:18

Tgt Ion: 91 Resp: 3288559
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

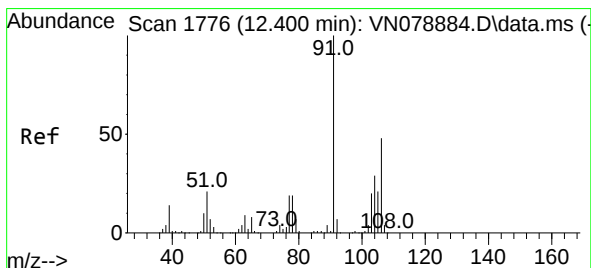
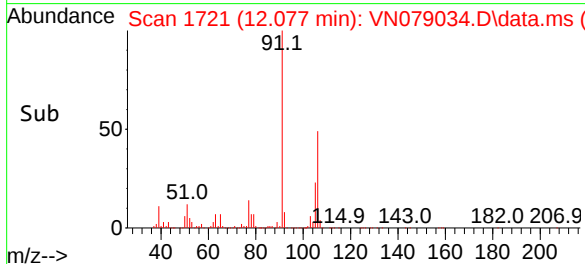
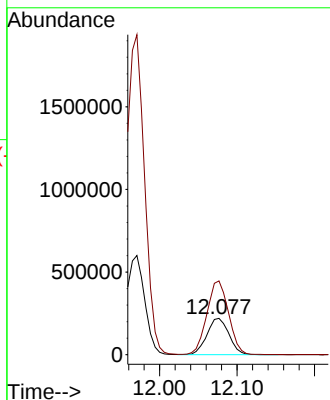
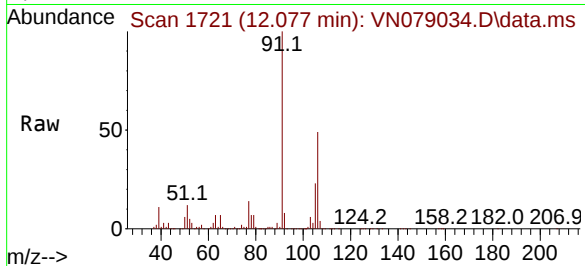




#68
m/p-Xylenes
Concen: 66.030 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079034.D
Acq: 24 Aug 2023 16:18

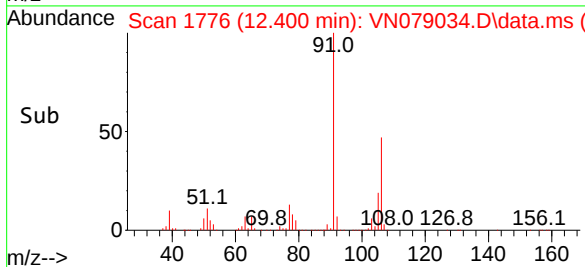
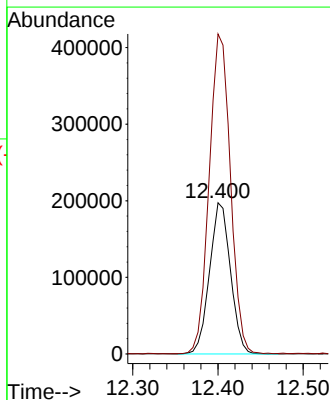
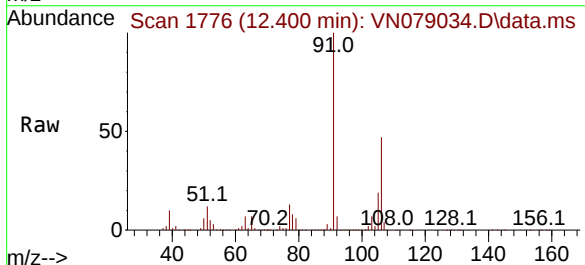
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB04-Z45-46

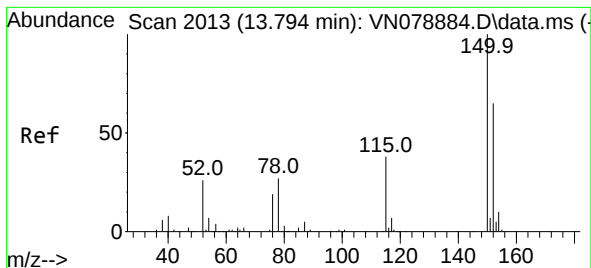
Tgt Ion:106 Resp: 433979
Ion Ratio Lower Upper
106 100
91 199.9 159.6 239.4



#69
o-Xylene
Concen: 52.641 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079034.D
Acq: 24 Aug 2023 16:18

Tgt Ion:106 Resp: 336557
Ion Ratio Lower Upper
106 100
91 214.6 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079034.D

Acq: 24 Aug 2023 16:18

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB04-Z45-46

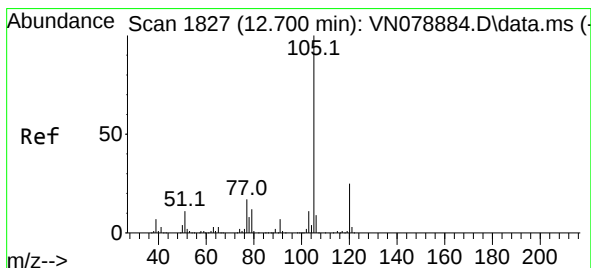
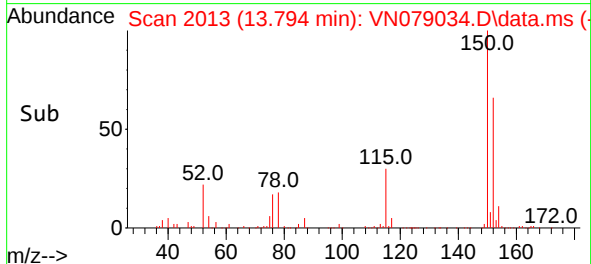
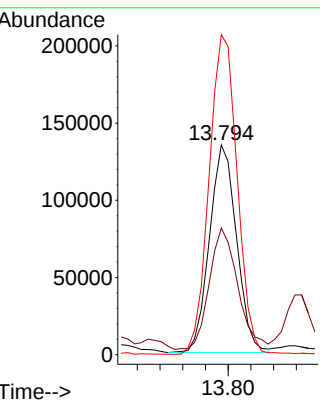
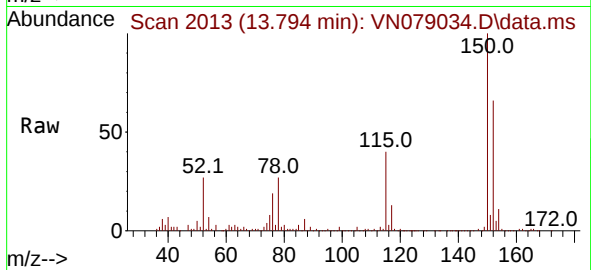
Tgt Ion:152 Resp: 222929

Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 161.2 0.0 355.8



#73

Isopropylbenzene

Concen: 13.703 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079034.D

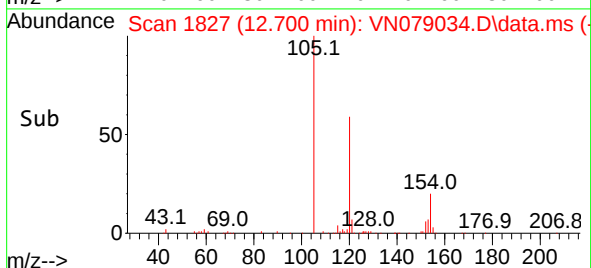
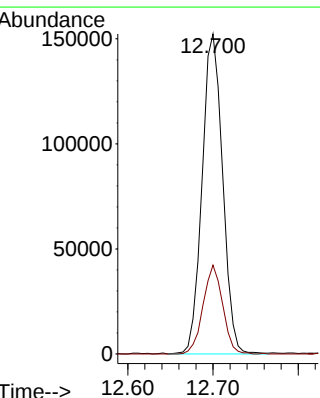
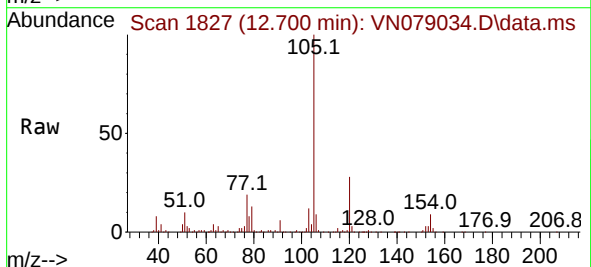
Acq: 24 Aug 2023 16:18

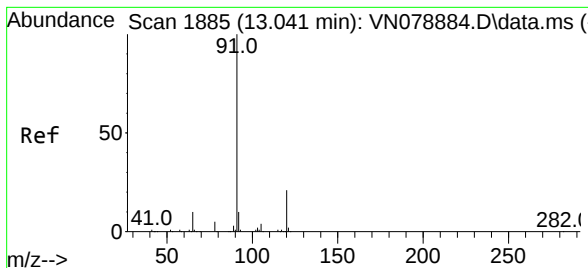
Tgt Ion:105 Resp: 254719

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1





#78

n-propylbenzene

Concen: 4.785 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079034.D

Acq: 24 Aug 2023 16:18

Instrument :

MSVOA_N

ClientSampleId :

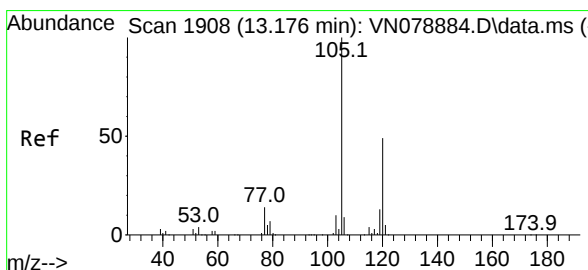
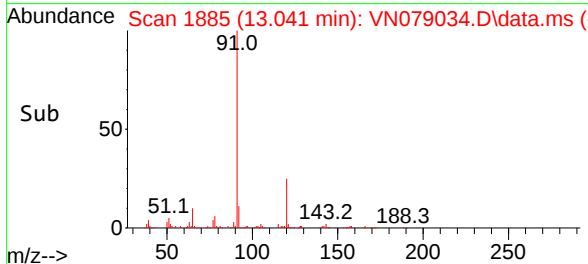
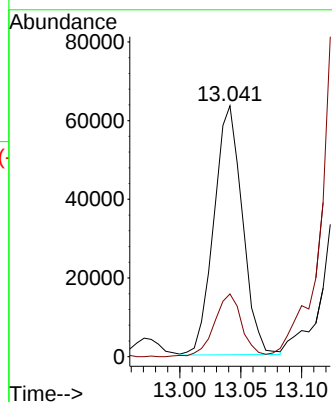
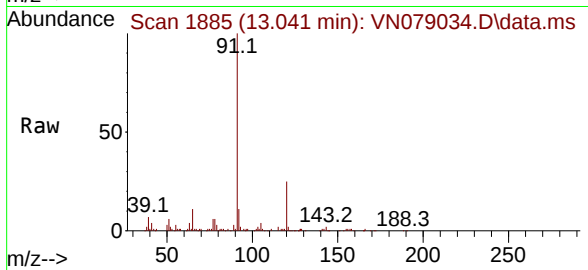
NEVINS-SB04-Z45-46

Tgt Ion: 91 Resp: 103143

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 9.178 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079034.D

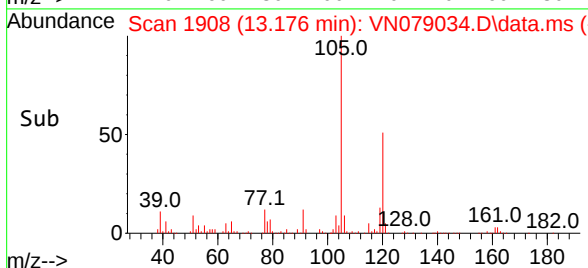
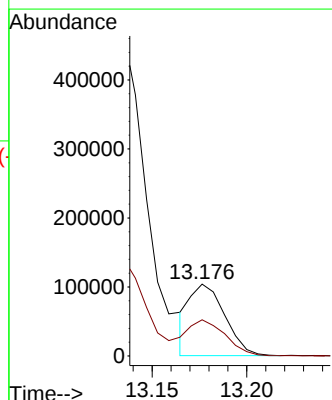
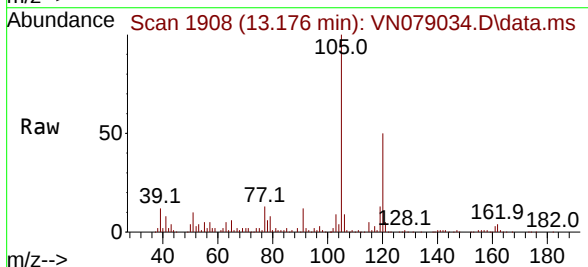
Acq: 24 Aug 2023 16:18

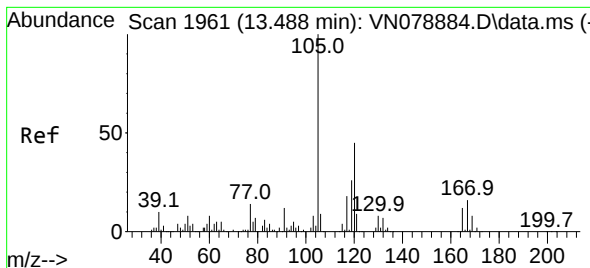
Tgt Ion:105 Resp: 135198

Ion Ratio Lower Upper

105 100

120 58.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 57.731 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079034.D

Acq: 24 Aug 2023 16:18

Instrument :

MSVOA_N

ClientSampleId :

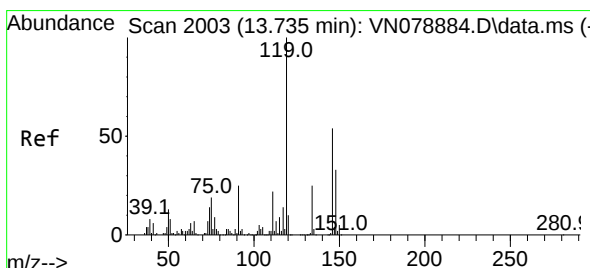
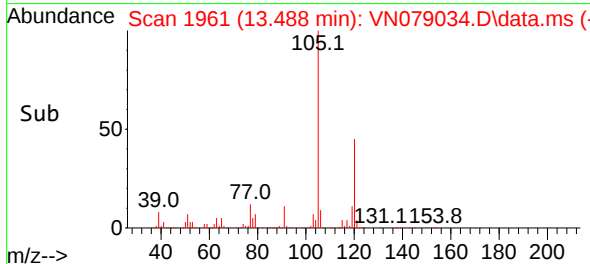
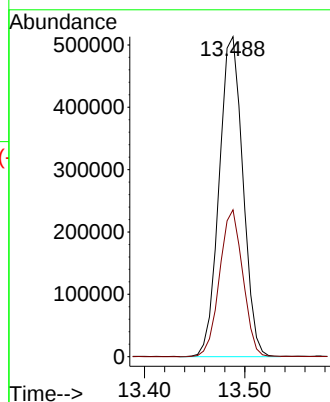
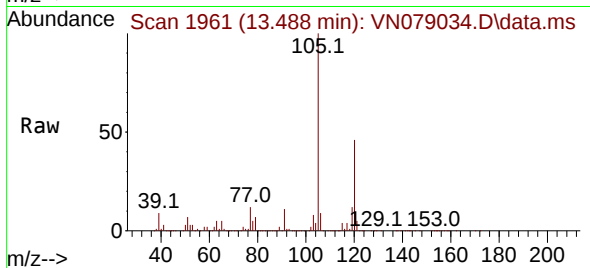
NEVINS-SB04-Z45-46

Tgt Ion:105 Resp: 842061

Ion Ratio Lower Upper

105 100

120 45.1 22.0 66.0



#86

p-Isopropyltoluene

Concen: 4.902 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079034.D

Acq: 24 Aug 2023 16:18

Tgt Ion:119 Resp: 66711

Ion Ratio Lower Upper

119 100

134 27.3 12.6 37.8

91 0.0 12.4 37.2#

