

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070102.D
 Acq On : 15 Dec 2021 5:01
 Operator : JC/MD
 Sample : M5011-17 10X
 Misc : 4.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-8-(10-10.5)

Quant Time: Dec 15 05:32:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

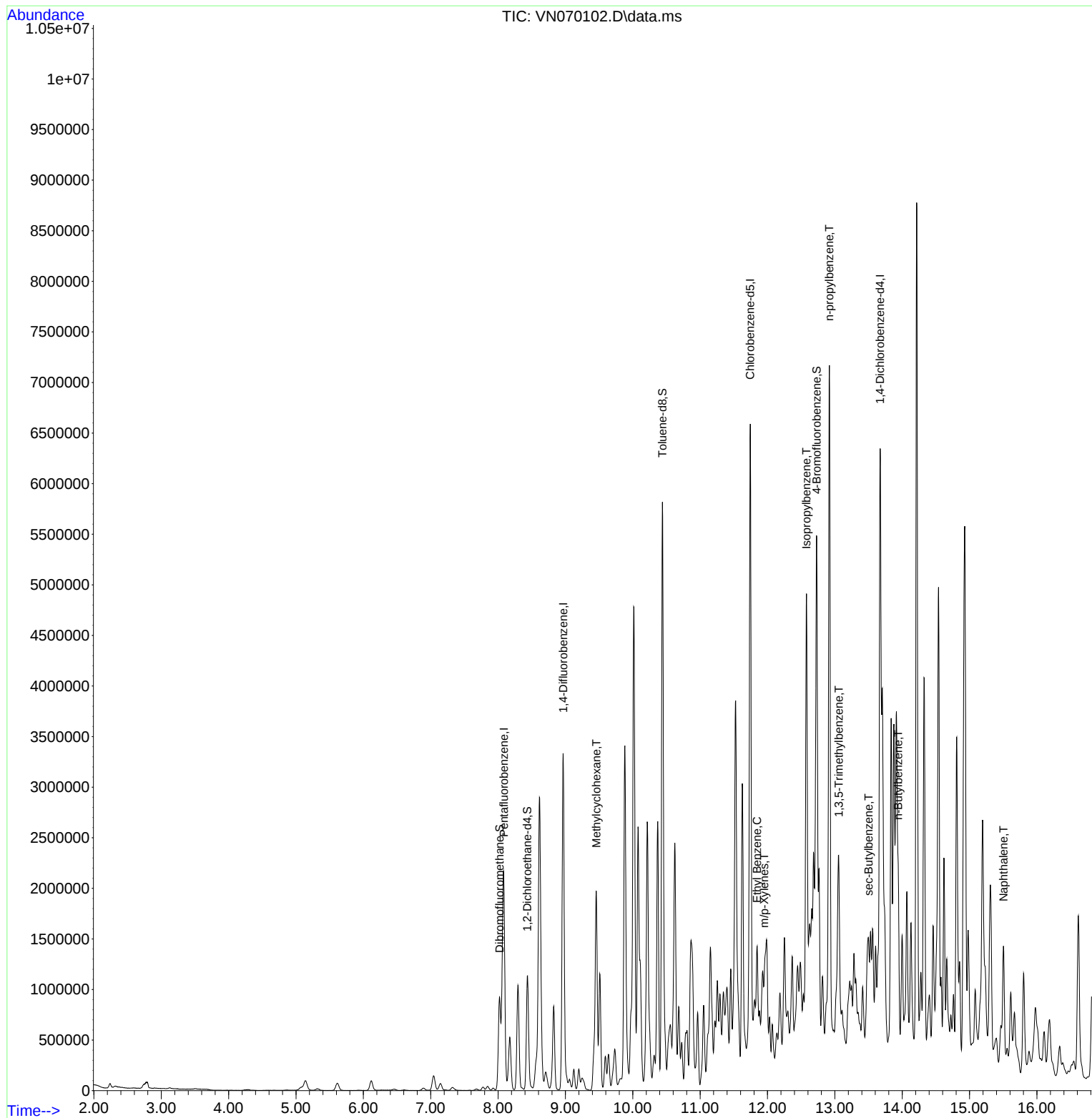
Internal Standards						
1) Pentafluorobenzene	8.086	168	1244682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2360195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2906023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1355384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	970181	50.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.96%	
35) Dibromofluoromethane	8.021	113	664130	44.92	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 89.84%	
50) Toluene-d8	10.440	98	3217349	54.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.40%	
62) 4-Bromofluorobenzene	12.731	95	1608391	74.79	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 149.58%#	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.459	83	370155	13.85	ug/l #	71
67) Ethyl Benzene	11.843	91	93453	0.87	ug/l	95
68) m/p-Xylenes	11.953	106	79309	2.03	ug/l	81
73) Isopropylbenzene	12.578	105	2865839	23.76	ug/l	98
78) n-propylbenzene	12.919	91	5111858	38.09	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	560305	5.77	ug/l	97
85) sec-Butylbenzene	13.500	105	514771	4.42	ug/l #	63
89) n-Butylbenzene	13.940	91	1196181	16.18	ug/l #	73
95) Naphthalene	15.504	128	943239	17.09	ug/l	99

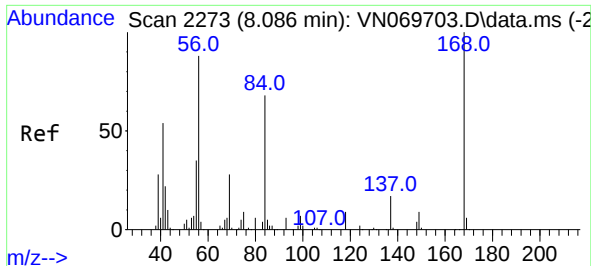
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
Data File : VN070102.D
Acq On : 15 Dec 2021 5:01
Operator : JC/MD
Sample : M5011-17 10X
Misc : 4.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-8-(10-10.5)

Quant Time: Dec 15 05:32:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

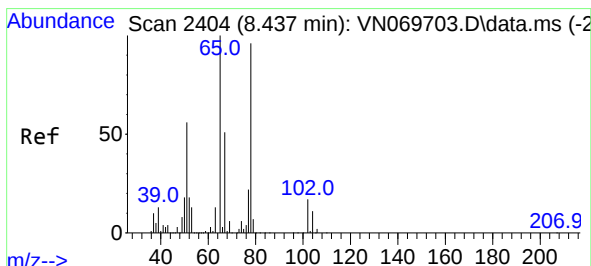
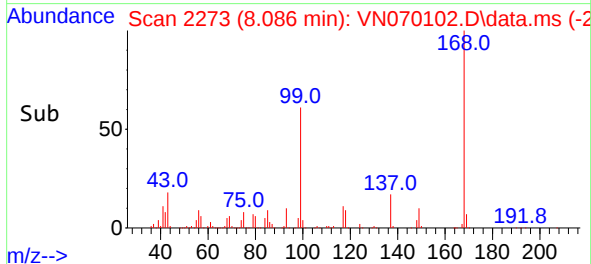
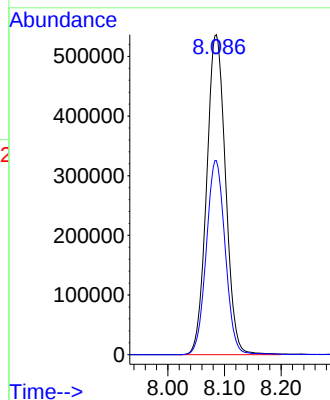
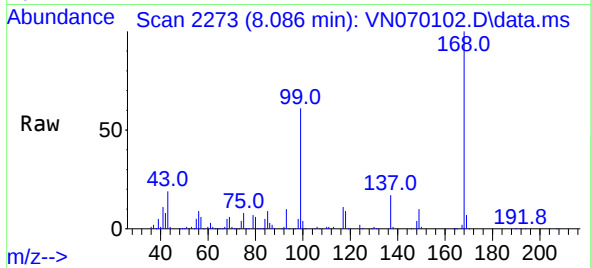




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

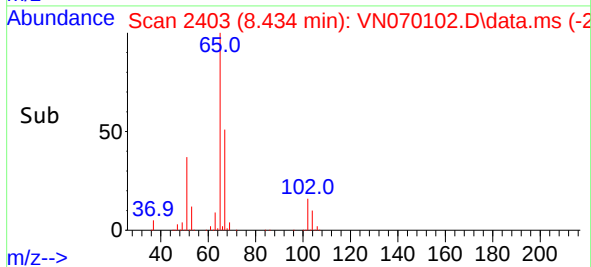
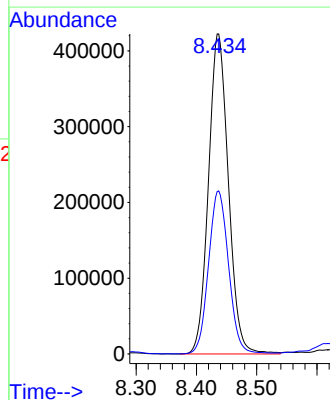
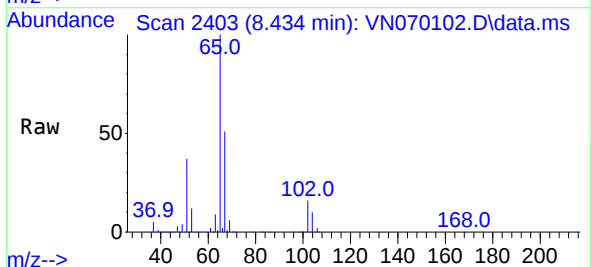
Instrument :
MSVOA_N
ClientSampleId :
HSB-8-(10-10.5)

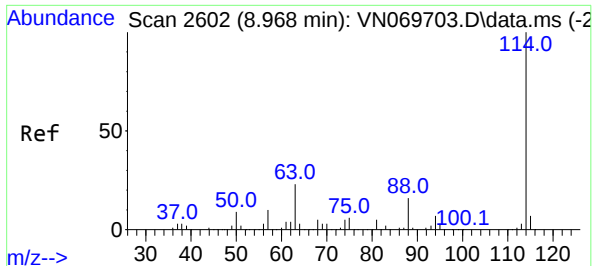
Tgt Ion:168 Resp: 1244682
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 50.48 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 65 Resp: 970181
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

Instrument :

MSVOA_N

ClientSampleId :

HSB-8-(10-10.5)

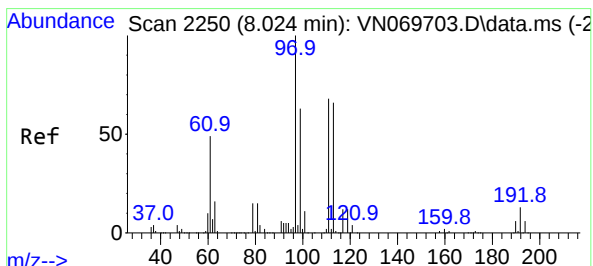
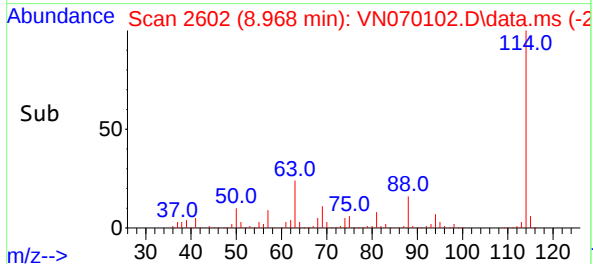
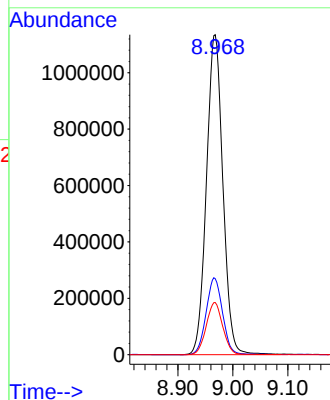
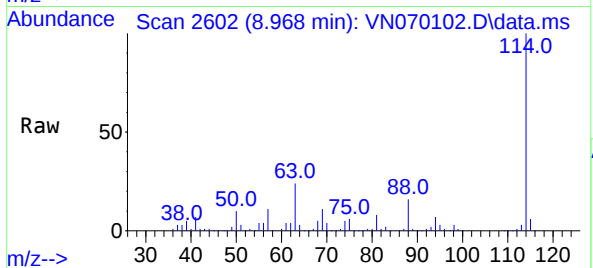
Tgt Ion:114 Resp: 2360195

Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 44.92 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

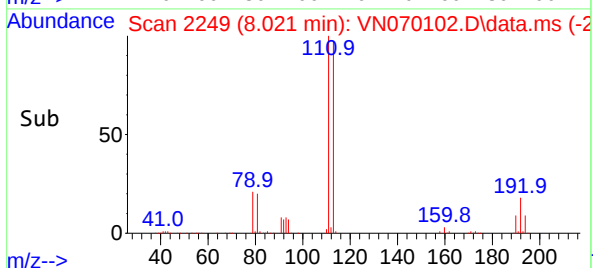
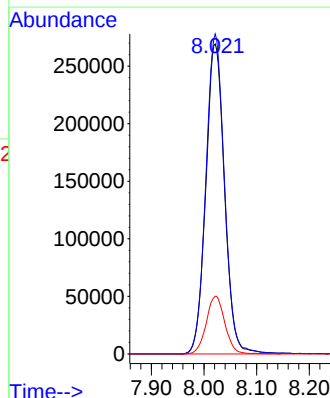
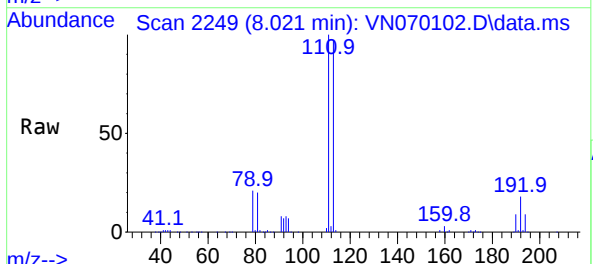
Tgt Ion:113 Resp: 664130

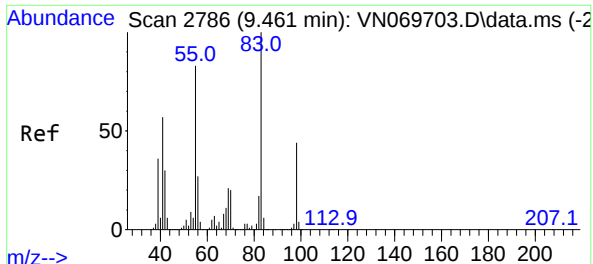
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 18.5 16.9 25.3

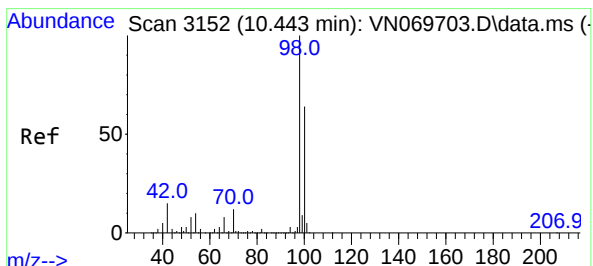
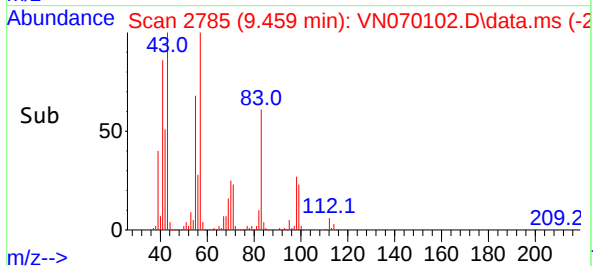
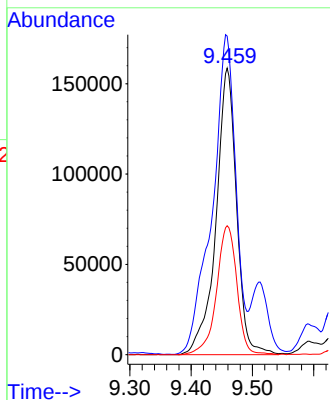
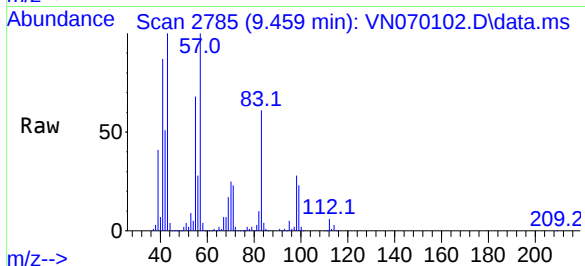




#39
Methylcyclohexane
Concen: 13.85 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

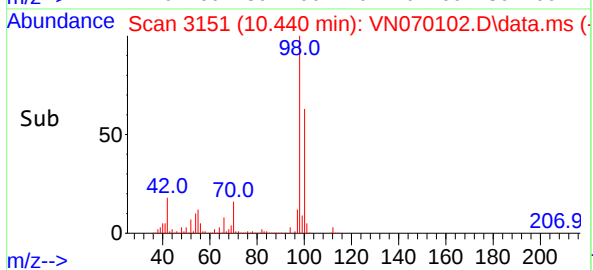
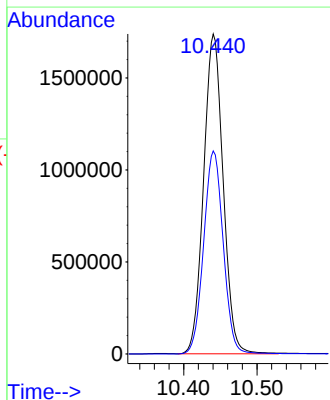
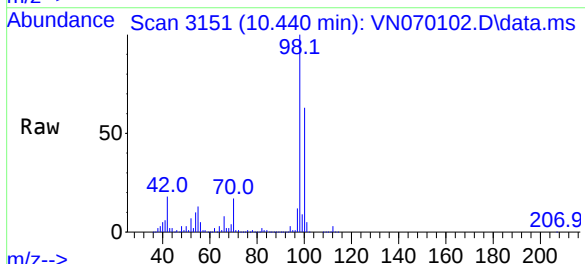
Instrument :
MSVOA_N
ClientSampleId :
HSB-8-(10-10.5)

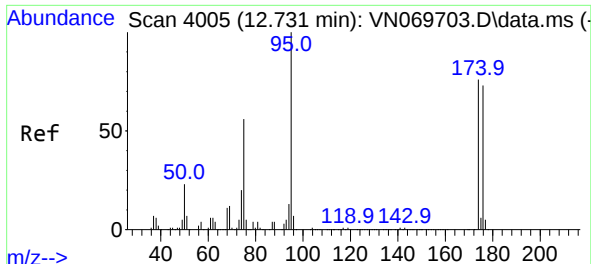
Tgt Ion: 83 Resp: 370155
Ion Ratio Lower Upper
83 100
55 110.7 58.1 87.1#
98 45.0 38.4 57.6



#50
Toluene-d8
Concen: 54.20 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 98 Resp: 3217349
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

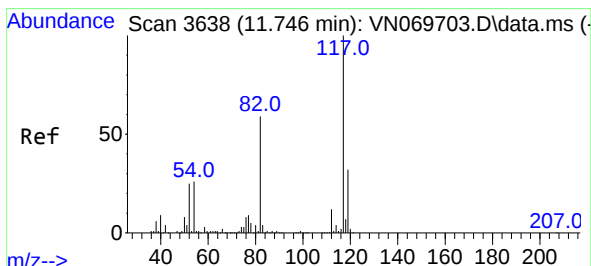
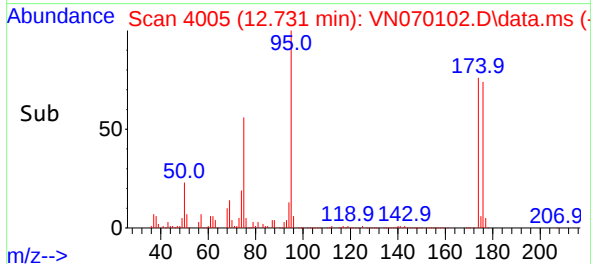
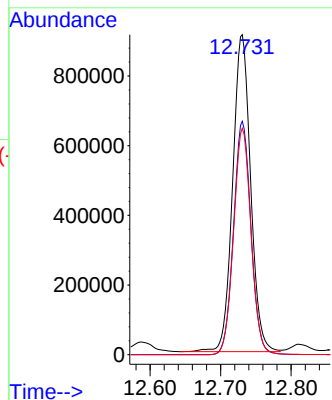
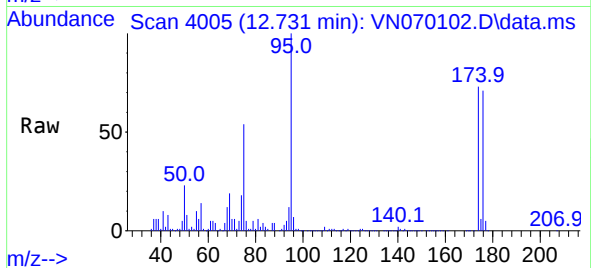




#62
4-Bromofluorobenzene
Concen: 74.79 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

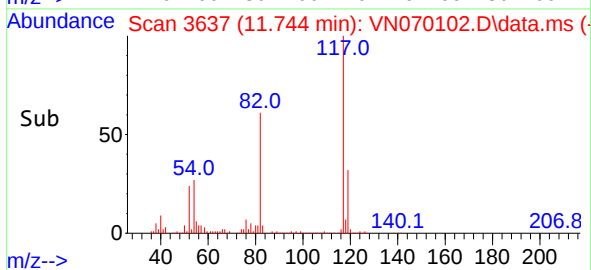
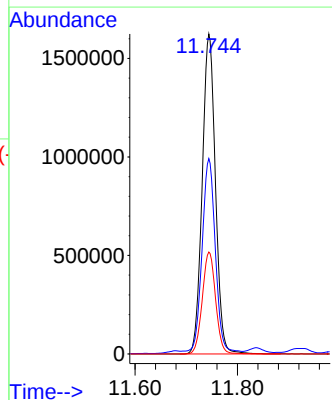
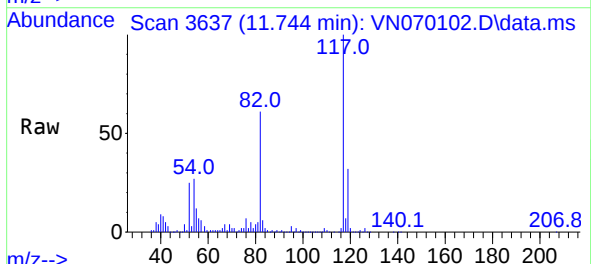
Instrument :
MSVOA_N
ClientSampleId :
HSB-8-(10-10.5)

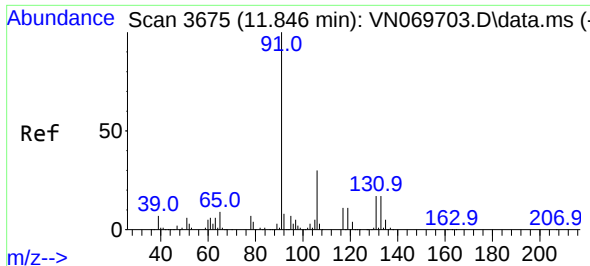
Tgt Ion: 95 Resp: 1608391
Ion Ratio Lower Upper
95 100
174 71.5 0.0 187.2
176 69.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 117 Resp: 2906023
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.9 25.4 38.2

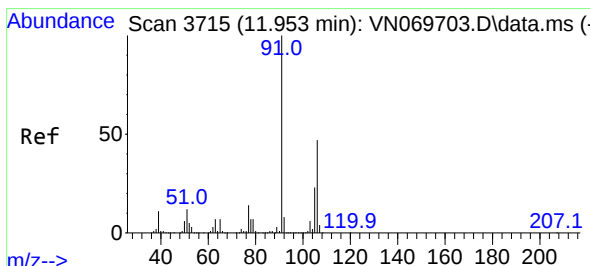
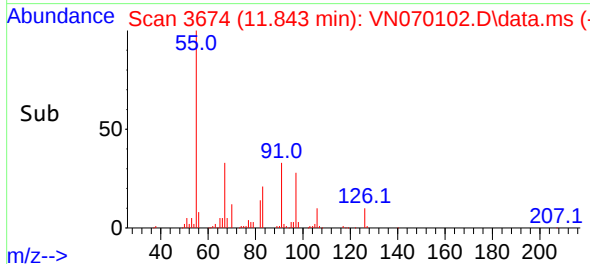
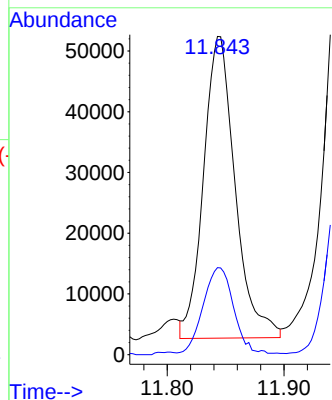
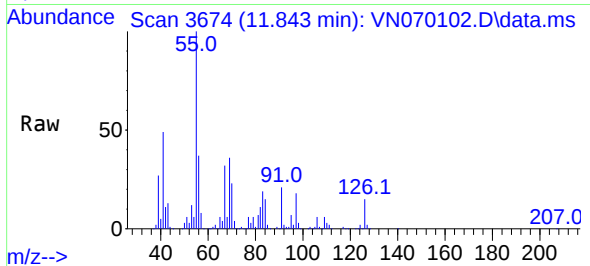




#67
Ethyl Benzene
Concen: 0.87 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

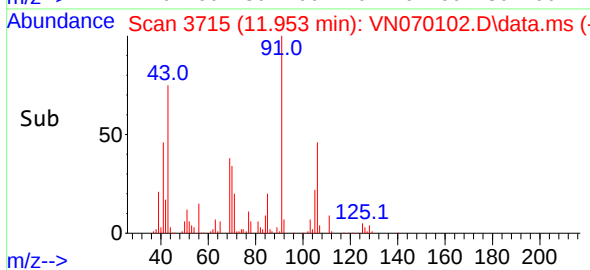
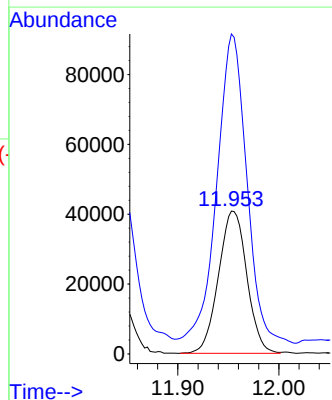
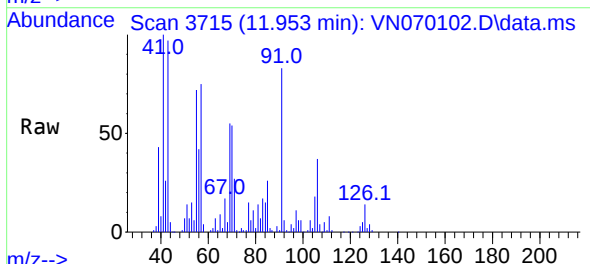
Instrument :
MSVOA_N
ClientSampleId :
HSB-8-(10-10.5)

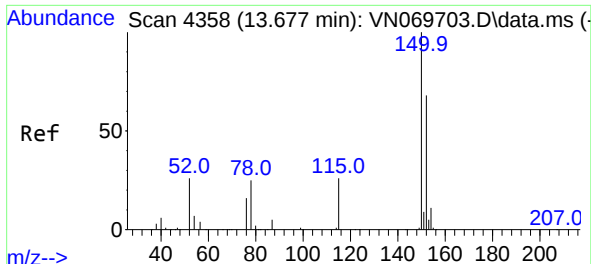
Tgt Ion: 91 Resp: 93453
Ion Ratio Lower Upper
91 100
106 29.3 25.7 38.5



#68
m/p-Xylenes
Concen: 2.03 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 106 Resp: 79309
Ion Ratio Lower Upper
106 100
91 229.4 160.6 240.8

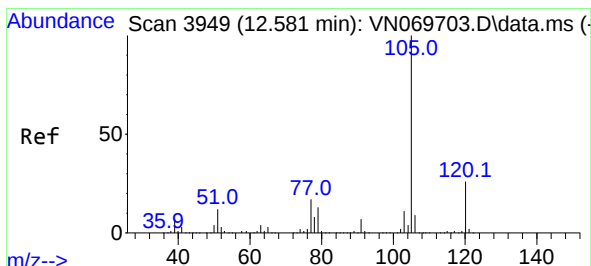
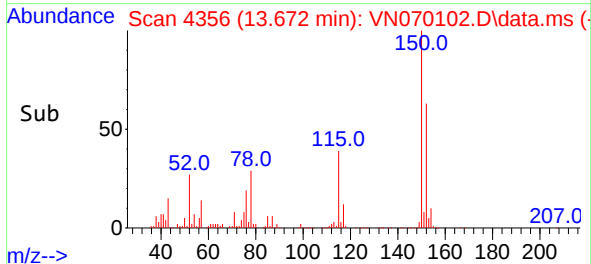
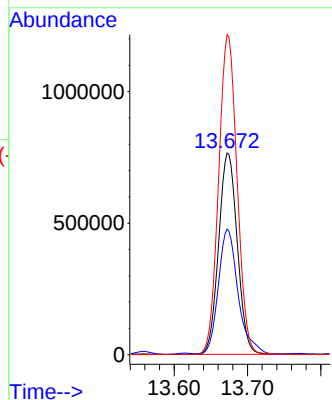
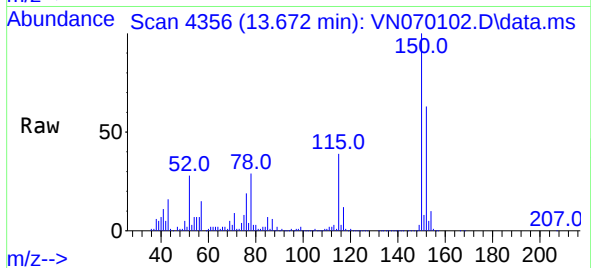




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.672 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

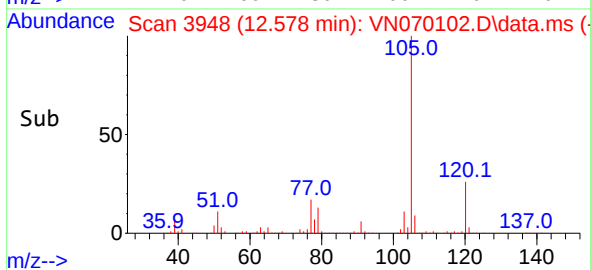
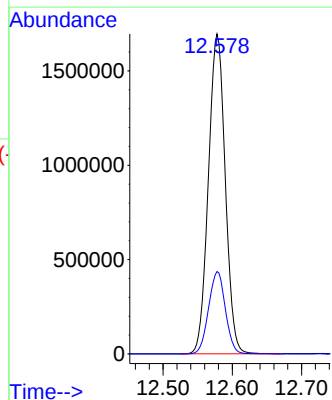
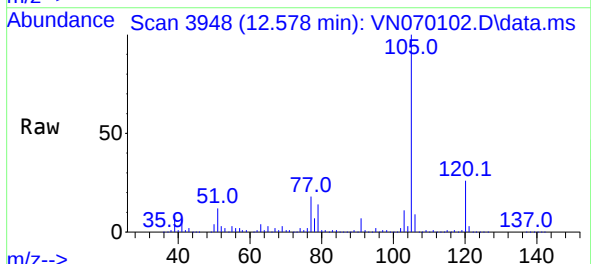
Instrument :
MSVOA_N
ClientSampleId :
HSB-8-(10-10.5)

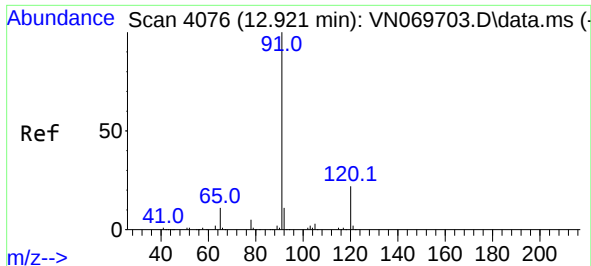
Tgt Ion:152 Resp: 1355384
Ion Ratio Lower Upper
152 100
115 65.5 27.5 82.5
150 157.3 0.0 344.4



#73
Isopropylbenzene
Concen: 23.76 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion:105 Resp: 2865839
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

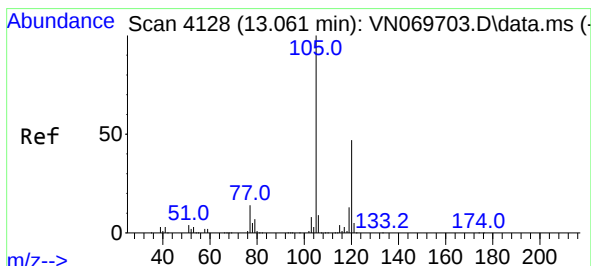
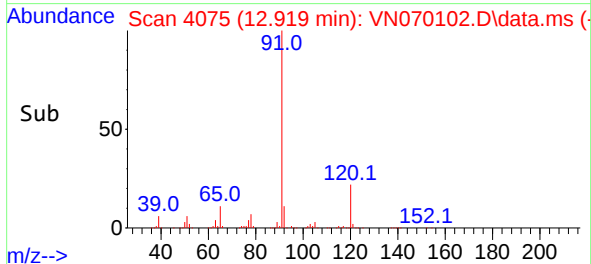
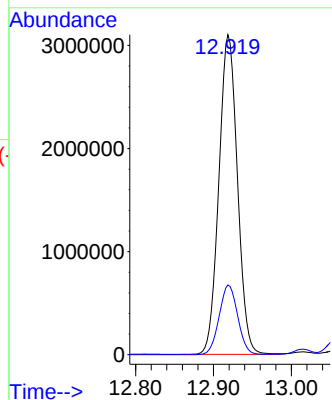
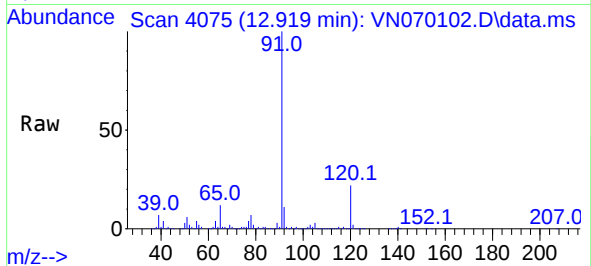




#78
n-propylbenzene
Concen: 38.09 ug/l
RT: 12.919 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

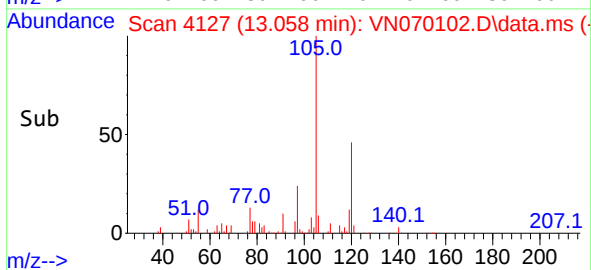
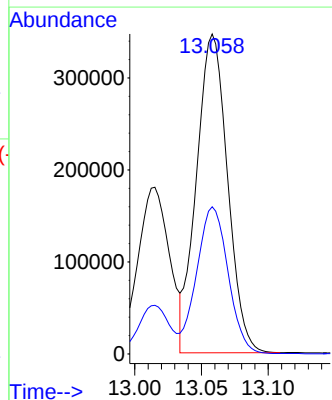
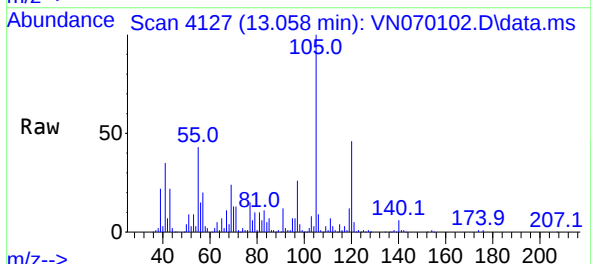
Instrument :
MSVOA_N
ClientSampleId :
HSB-8-(10-10.5)

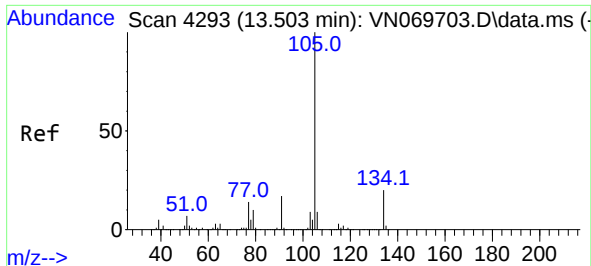
Tgt Ion: 91 Resp: 5111858
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 5.77 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion:105 Resp: 560305
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6

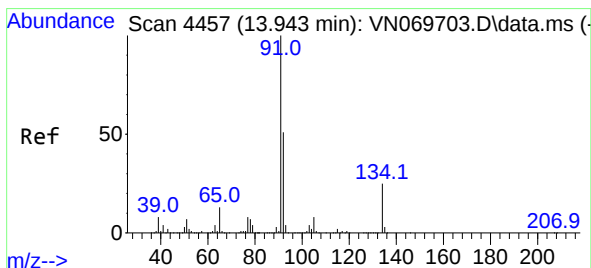
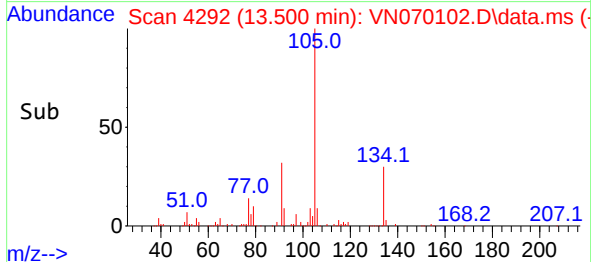
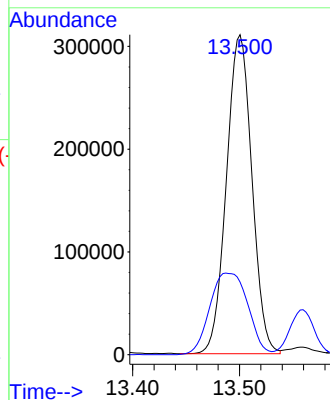
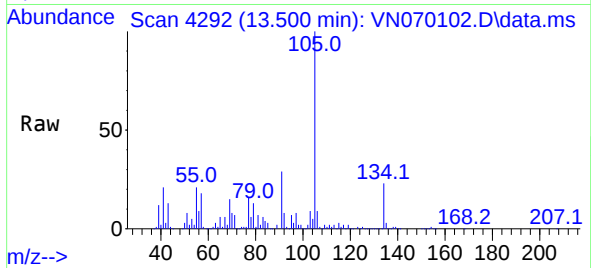




#85
 sec-Butylbenzene
 Concen: 4.42 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070102.D
 Acq: 15 Dec 2021 5:01

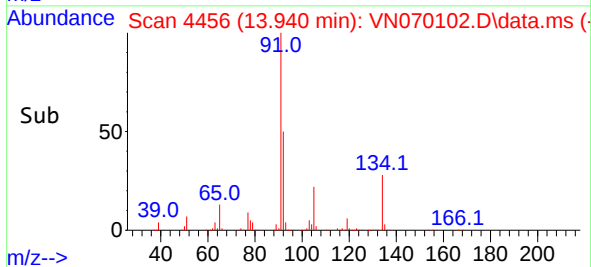
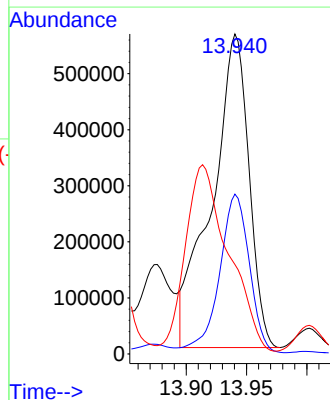
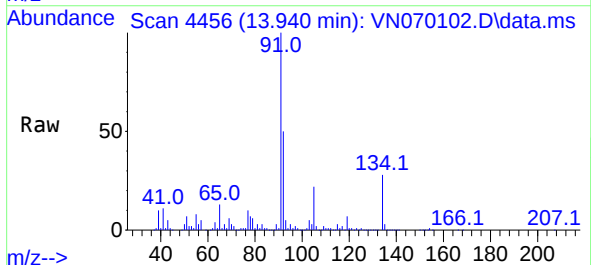
Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-8-(10-10.5)

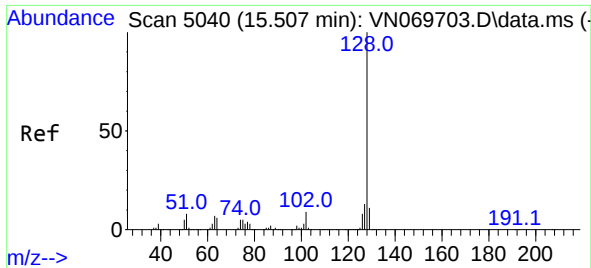
Tgt Ion:105 Resp: 514771
 Ion Ratio Lower Upper
 105 100
 134 38.1 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 16.18 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. -0.003 min
 Lab File: VN070102.D
 Acq: 15 Dec 2021 5:01

Tgt Ion: 91 Resp: 1196181
 Ion Ratio Lower Upper
 91 100
 92 41.0 25.4 76.0
 134 0.0 13.6 40.8#





#95

Naphthalene

Concen: 17.09 ug/l

RT: 15.504 min Scan# 50

Delta R.T. -0.003 min

Lab File: VN070102.D

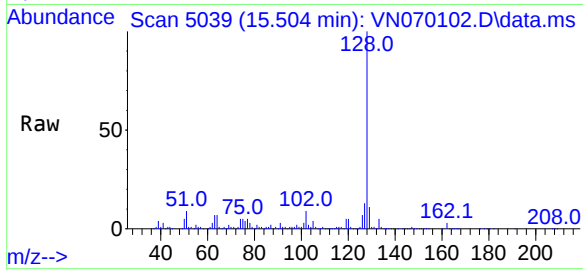
Acq: 15 Dec 2021 5:01

Instrument :

MSVOA_N

ClientSampleId :

HSB-8-(10-10.5)



Tgt Ion:128 Resp: 943239

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.3 8.7 13.1

