

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070099.D
 Acq On : 15 Dec 2021 3:44
 Operator : JC/MD
 Sample : M5011-11 10X
 Misc : 3.90g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-5-(11.5-12)

Quant Time: Dec 15 05:30:45 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	1224893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2318663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2874395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1374425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	971534	51.370	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.740%
35) Dibromofluoromethane	8.021	113	662626	45.624	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.240%
50) Toluene-d8	10.440	98	3173819	54.424	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.728	95	1585011	75.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	150.040%#

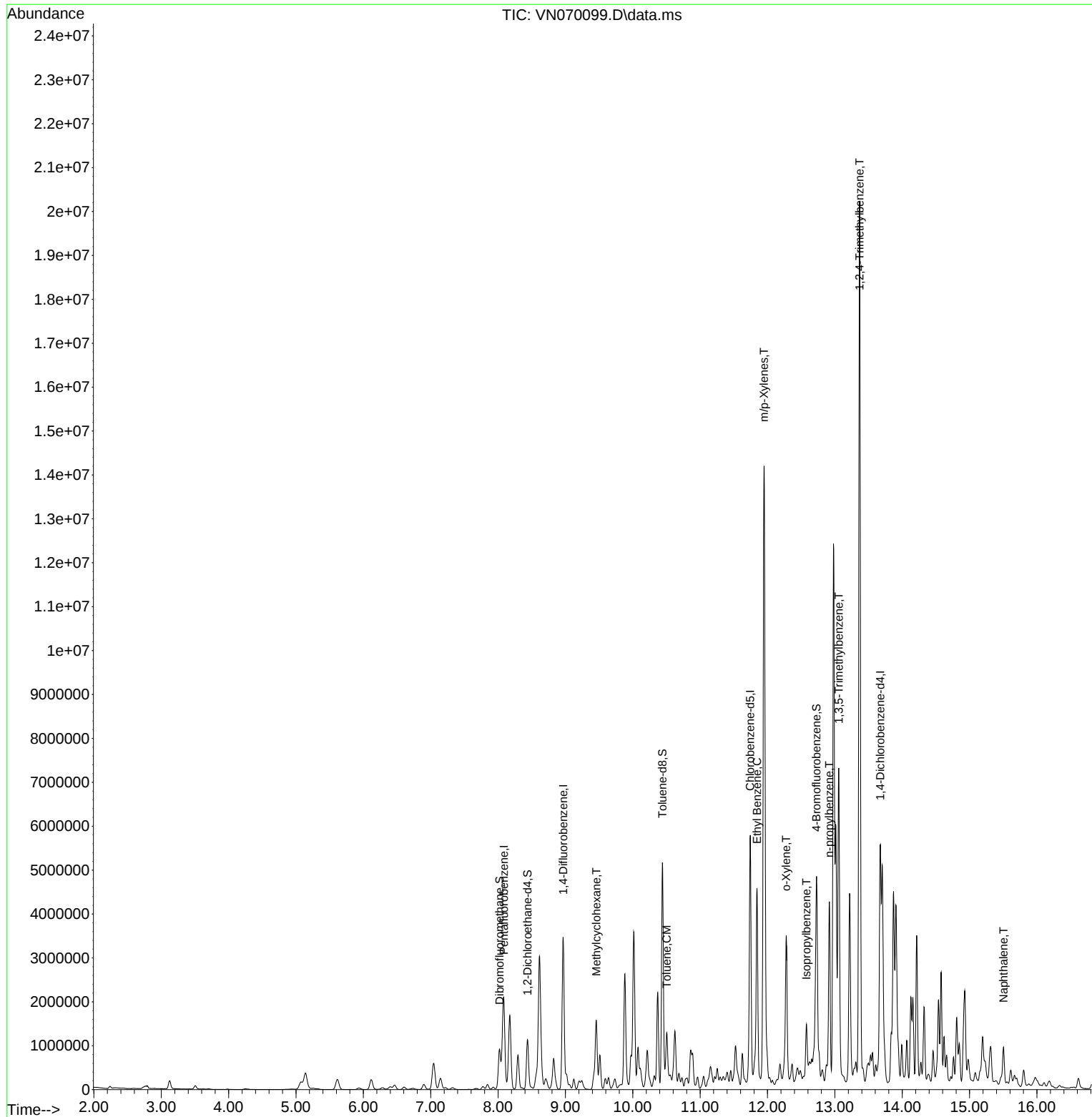
Target Compounds					Qvalue	
39) Methylcyclohexane	9.459	83	302070	11.505	ug/l	# 71
52) Toluene	10.505	92	493540	11.982	ug/l	100
67) Ethyl Benzene	11.843	91	3016011	28.473	ug/l	95
68) m/p-Xylenes	11.948	106	4166013	108.018	ug/l	93
69) o-Xylene	12.278	106	846963	21.802	ug/l	89
73) Isopropylbenzene	12.578	105	828509	6.775	ug/l	98
78) n-propylbenzene	12.919	91	3158063	23.208	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	3526155	35.826	ug/l	98
84) 1,2,4-Trimethylbenzene	13.366	105	11327899	120.849	ug/l	99
95) Naphthalene	15.504	128	679943	13.301	ug/l	99

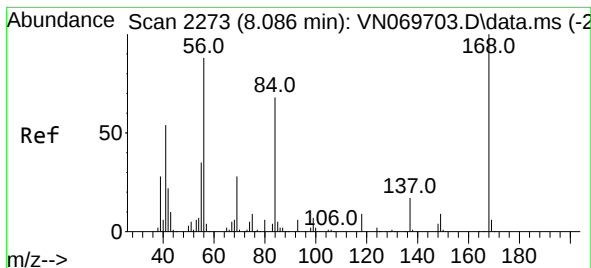
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070099.D

Acq: 15 Dec 2021 3:44

Instrument :

MSVOA_N

ClientSampleId :

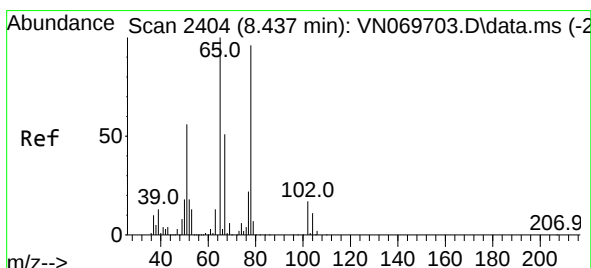
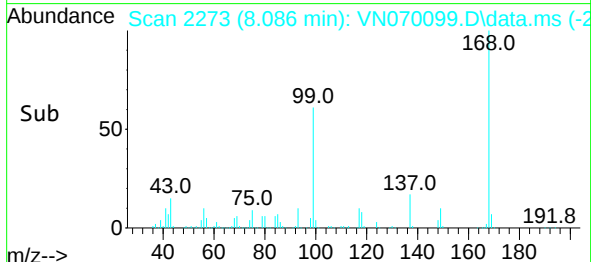
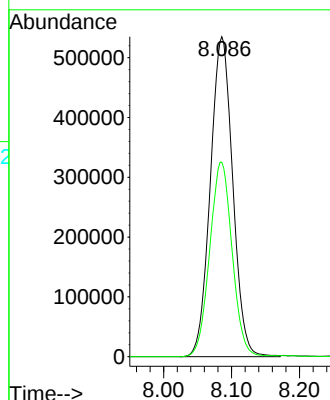
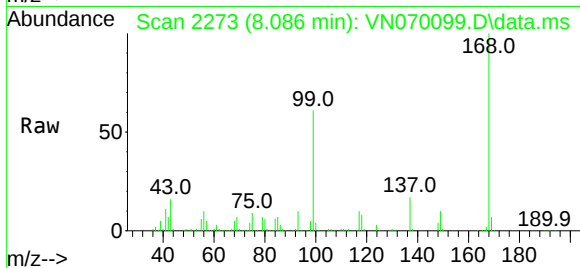
HSB-5-(11.5-12)

Tgt Ion:168 Resp: 1224893

Ion Ratio Lower Upper

168 100

99 60.7 41.3 61.9



#33

1,2-Dichloroethane-d4

Concen: 51.370 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070099.D

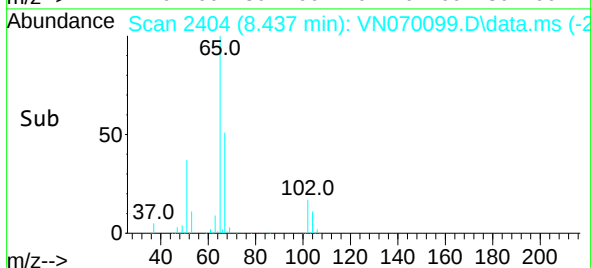
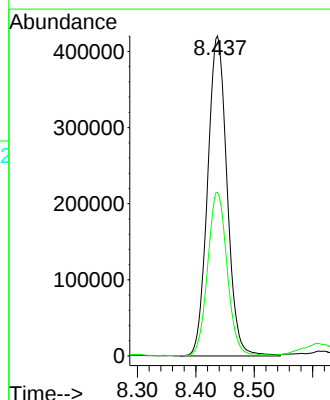
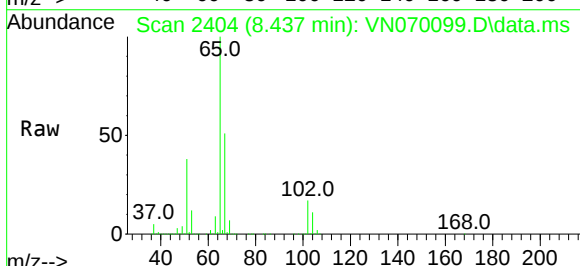
Acq: 15 Dec 2021 3:44

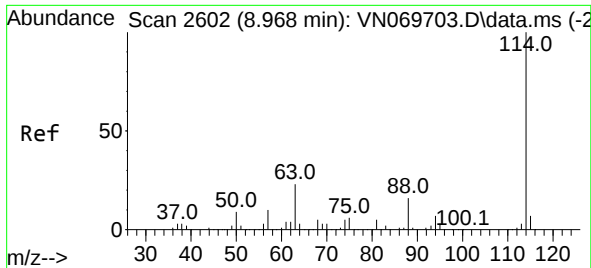
Tgt Ion: 65 Resp: 971534

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0

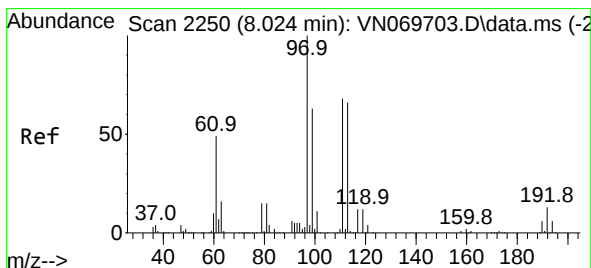
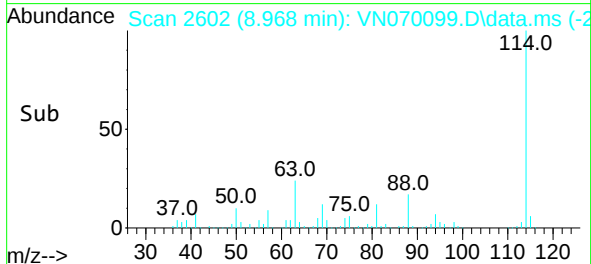
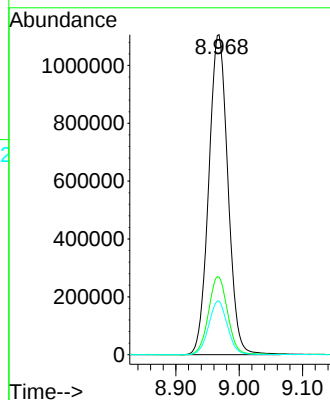
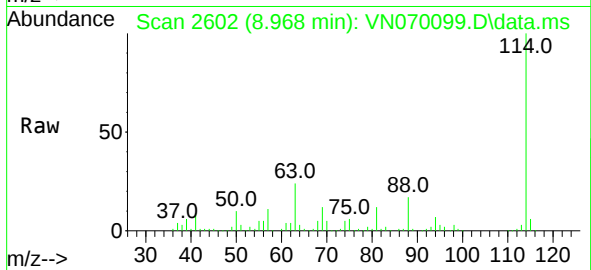




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

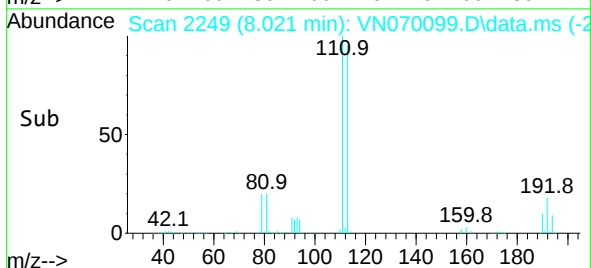
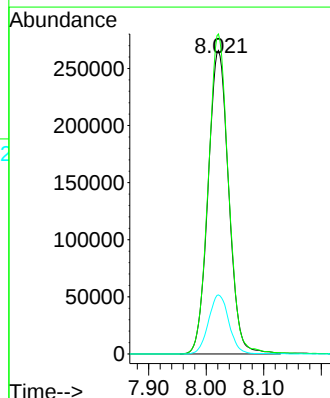
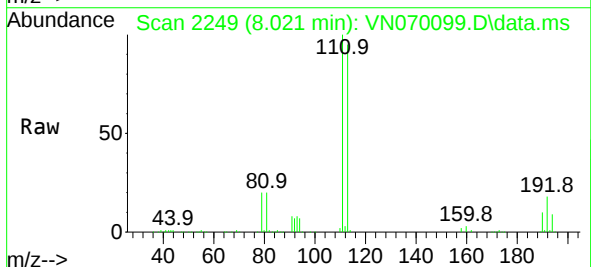
Instrument :
MSVOA_N
ClientSampleId :
HSB-5-(11.5-12)

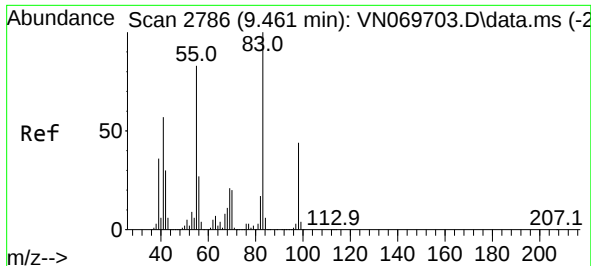
Tgt Ion:114 Resp: 2318663
Ion Ratio Lower Upper
114 100
63 24.2 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.624 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

Tgt Ion:113 Resp: 662626
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.2 16.9 25.3

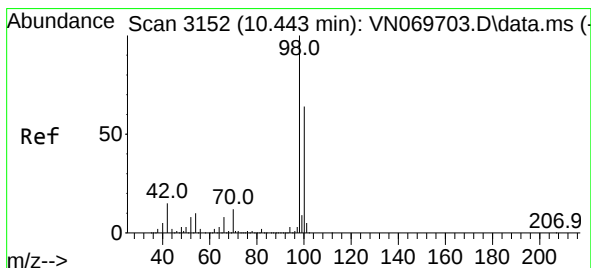
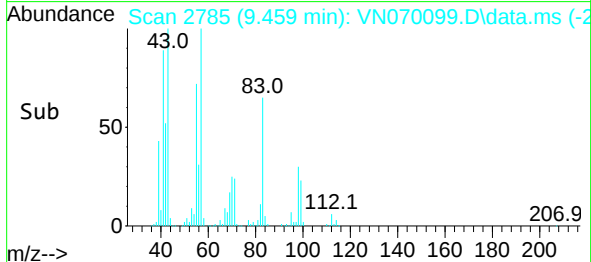
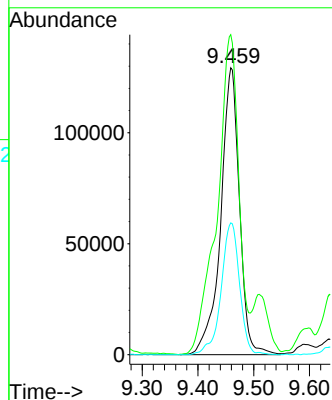
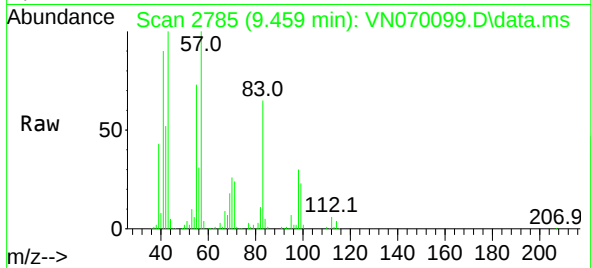




#39
Methylcyclohexane
Concen: 11.505 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

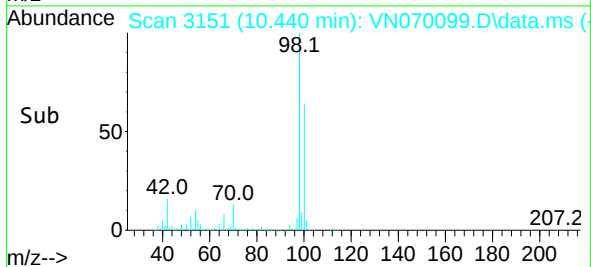
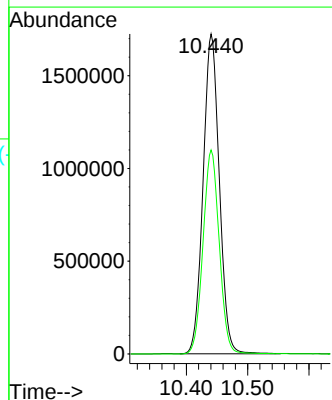
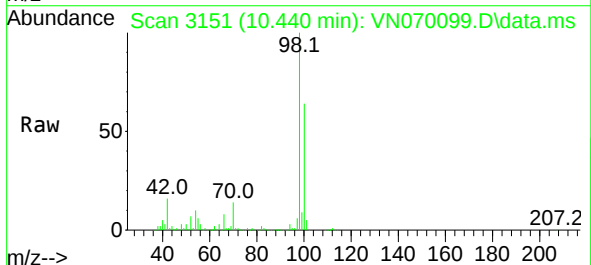
Instrument :
MSVOA_N
ClientSampleId :
HSB-5-(11.5-12)

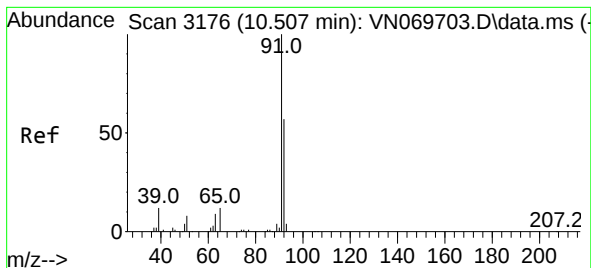
Tgt Ion: 83 Resp: 302070
Ion Ratio Lower Upper
83 100
55 111.4 58.1 87.1#
98 46.0 38.4 57.6



#50
Toluene-d8
Concen: 54.424 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

Tgt Ion: 98 Resp: 3173819
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6





#52

Toluene

Concen: 11.982 ug/l

RT: 10.505 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070099.D

Acq: 15 Dec 2021 3:44

Instrument :

MSVOA_N

ClientSampleId :

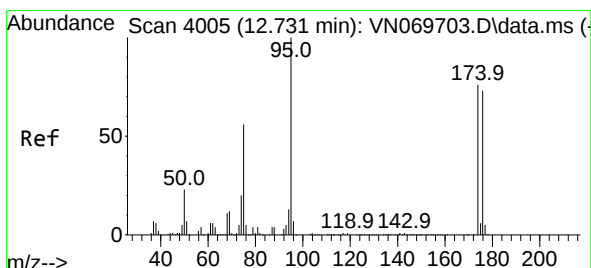
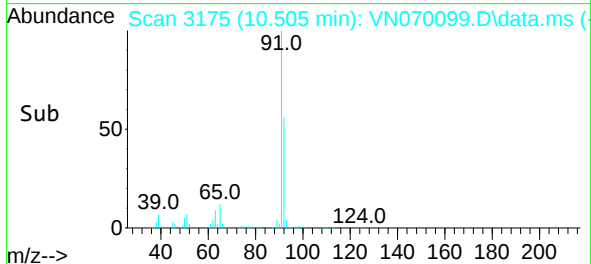
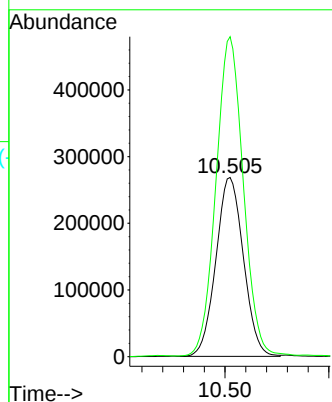
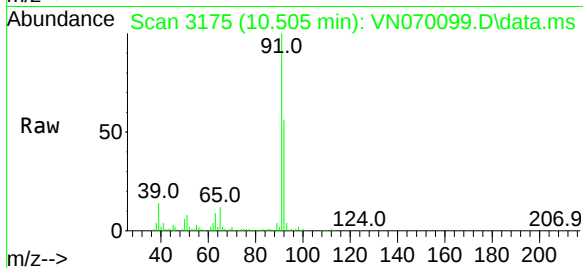
HSB-5-(11.5-12)

Tgt Ion: 92 Resp: 493540

Ion Ratio Lower Upper

92 100

91 177.1 142.0 213.0



#62

4-Bromofluorobenzene

Concen: 75.023 ug/l

RT: 12.728 min Scan# 4004

Delta R.T. -0.003 min

Lab File: VN070099.D

Acq: 15 Dec 2021 3:44

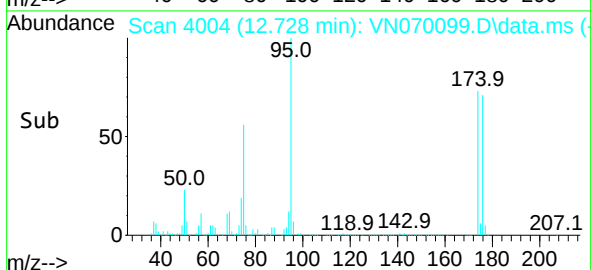
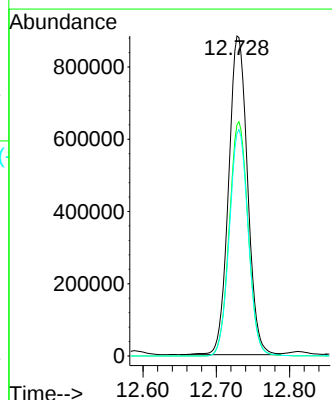
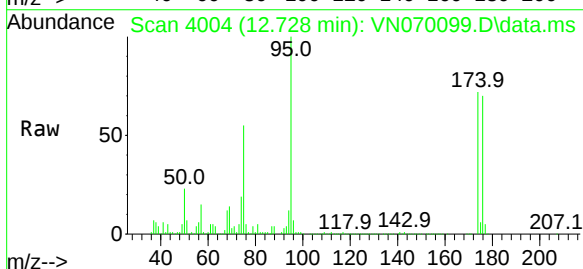
Tgt Ion: 95 Resp: 1585011

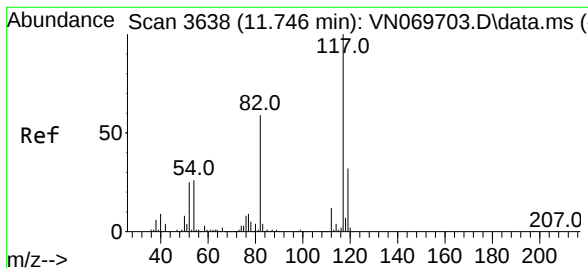
Ion Ratio Lower Upper

95 100

174 73.2 0.0 187.2

176 70.7 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

Lab File: VN070099.D

Acq: 15 Dec 2021 3:44

Instrument :

MSVOA_N

ClientSampleId :

HSB-5-(11.5-12)

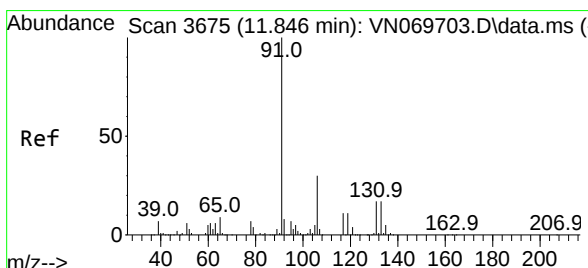
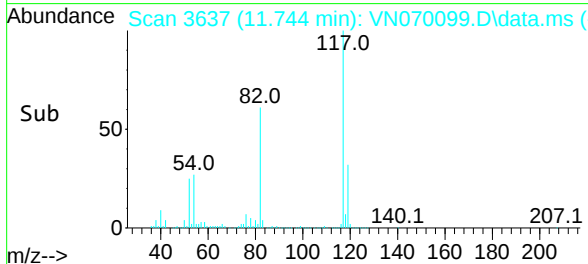
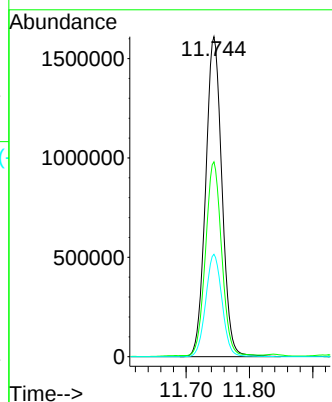
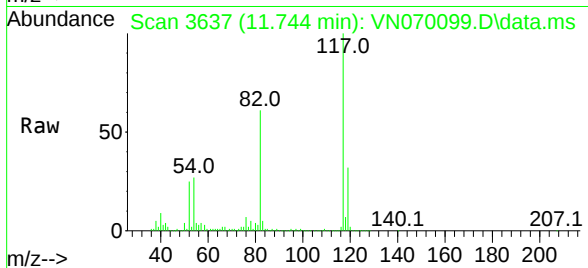
Tgt Ion:117 Resp: 2874395

Ion Ratio Lower Upper

117 100

82 60.6 42.4 63.6

119 32.0 25.4 38.2



#67

Ethyl Benzene

Concen: 28.473 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. -0.003 min

Lab File: VN070099.D

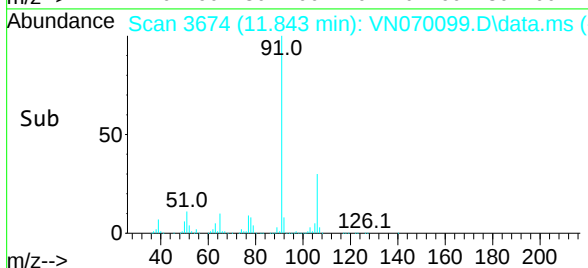
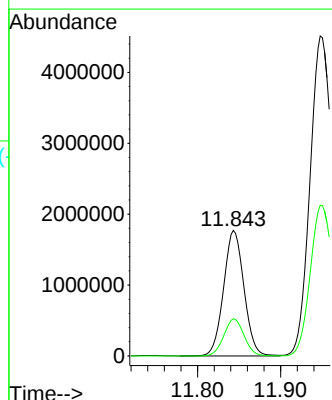
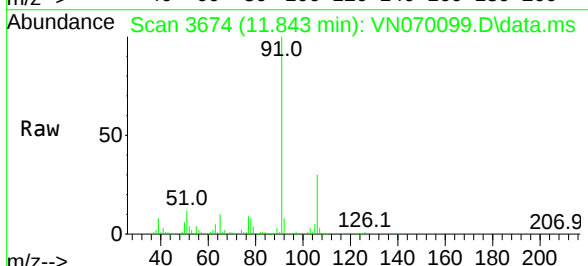
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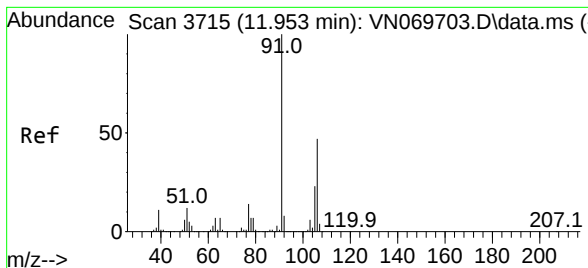
Tgt Ion: 91 Resp: 3016011

Ion Ratio Lower Upper

91 100

106 29.5 25.7 38.5

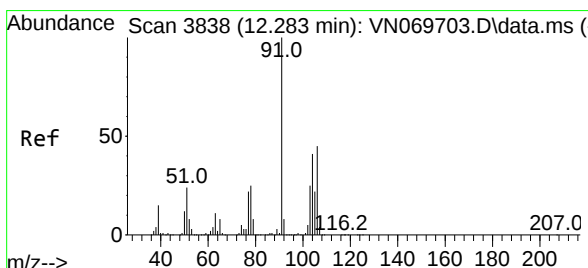
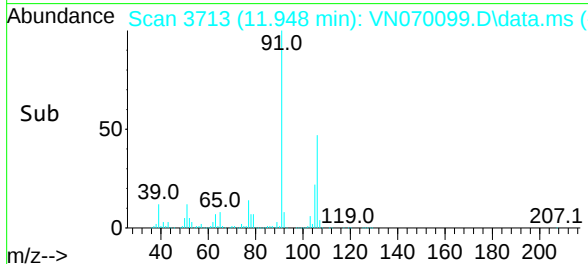
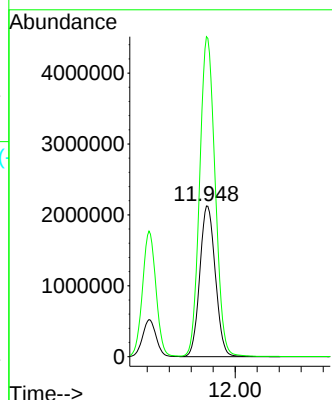
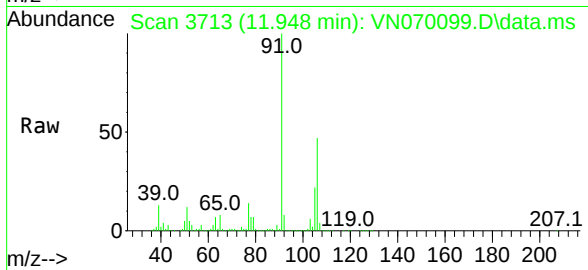




#68
m/p-Xylenes
Concen: 108.018 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

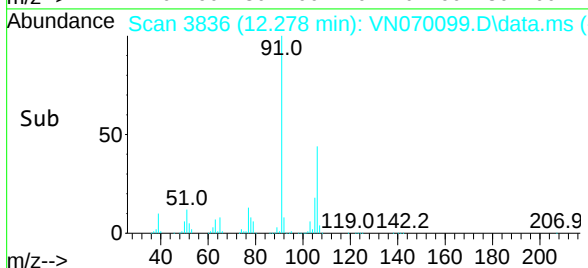
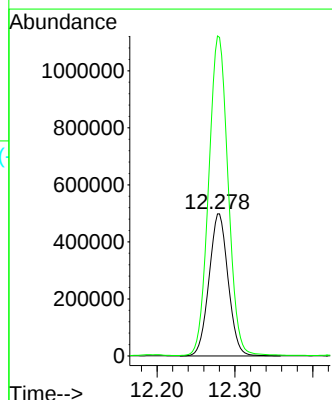
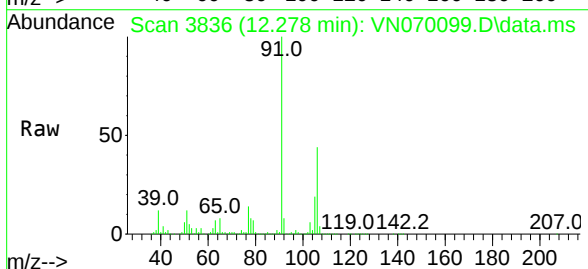
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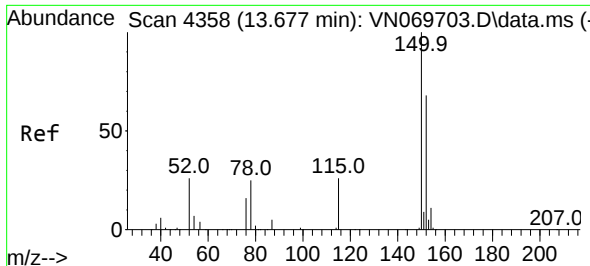
Tgt Ion:106 Resp: 4166013
Ion Ratio Lower Upper
106 100
91 211.7 160.6 240.8



#69
o-Xylene
Concen: 21.802 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

Tgt Ion:106 Resp: 846963
Ion Ratio Lower Upper
106 100
91 229.1 105.8 317.3

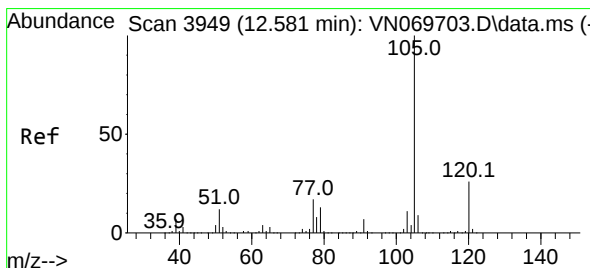
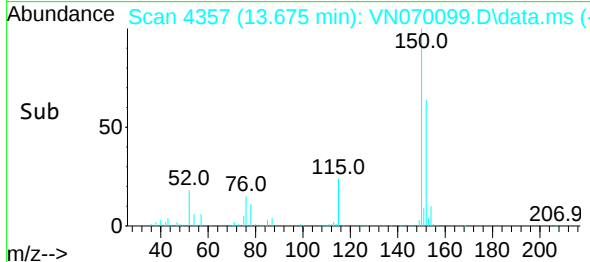
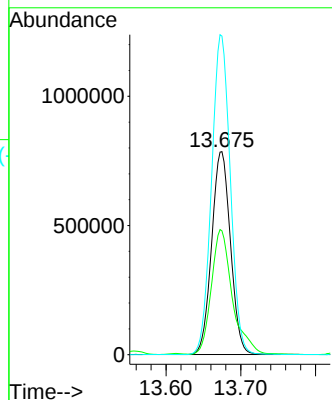
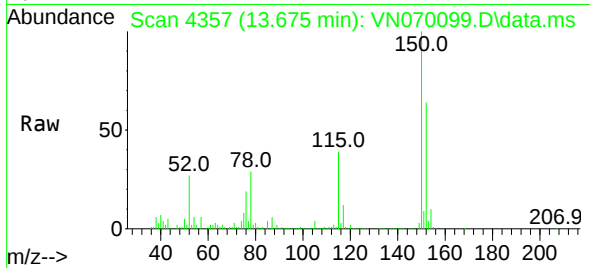




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

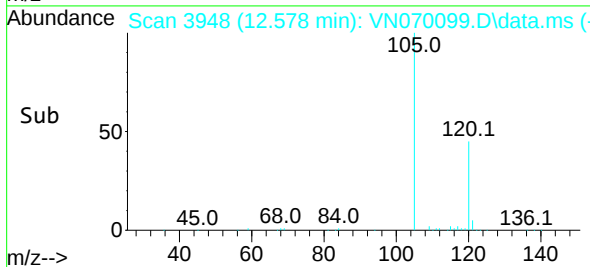
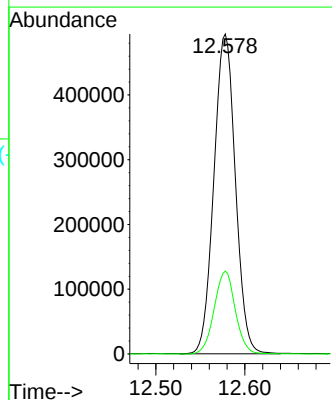
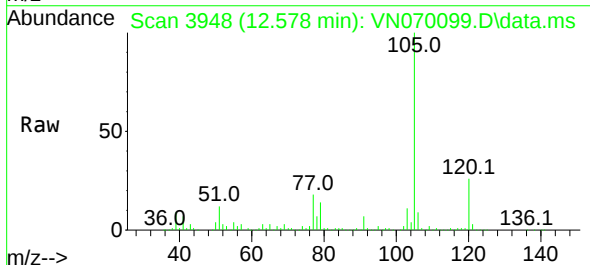
Instrument :
MSVOA_N
ClientSampleId :
HSB-5-(11.5-12)

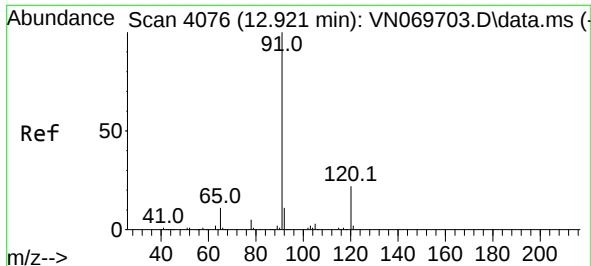
Tgt Ion:152 Resp: 1374425
Ion Ratio Lower Upper
152 100
115 69.0 27.5 82.5
150 156.5 0.0 344.4



#73
Isopropylbenzene
Concen: 6.775 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

Tgt Ion:105 Resp: 828509
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

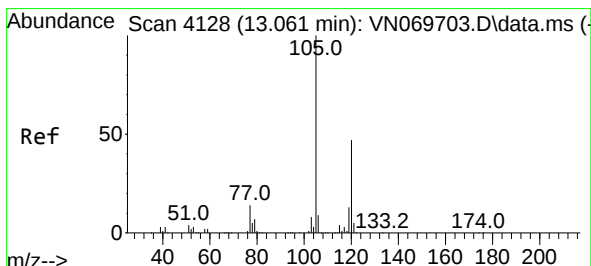
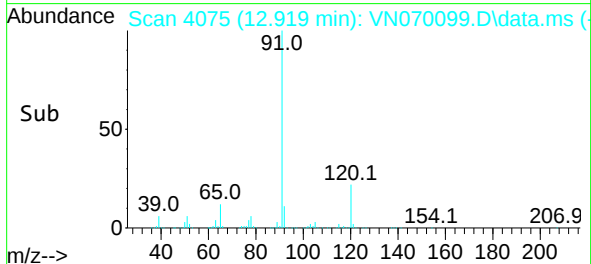
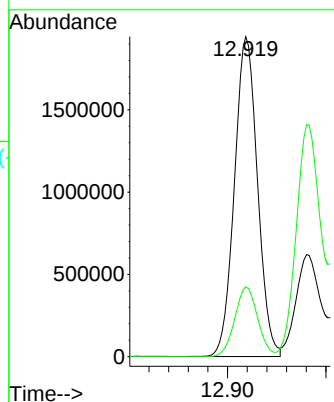
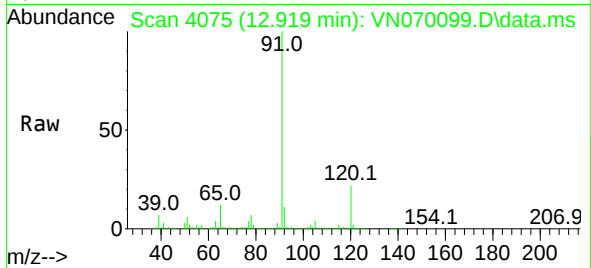




#78
n-propylbenzene
Concen: 23.208 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

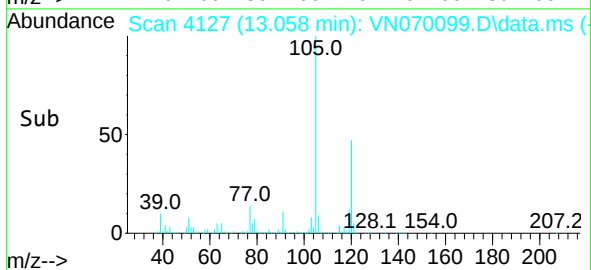
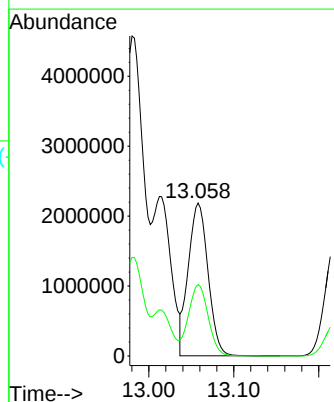
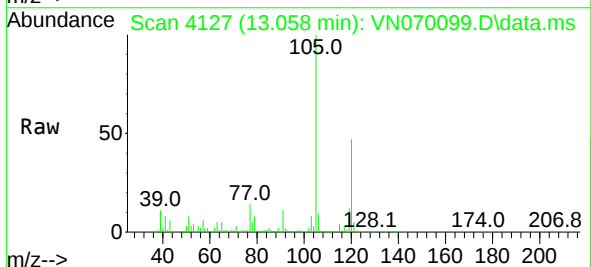
Instrument :
MSVOA_N
ClientSampleId :
HSB-5-(11.5-12)

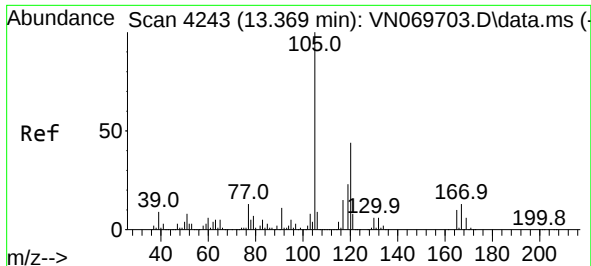
Tgt Ion: 91 Resp: 3158063
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 35.826 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

Tgt Ion:105 Resp: 3526155
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6

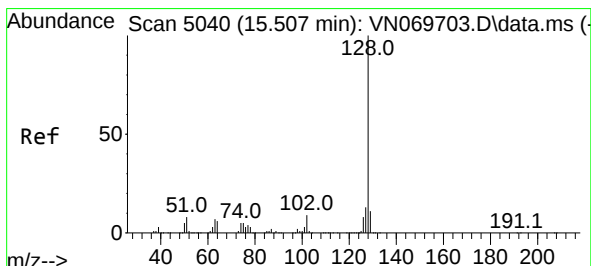
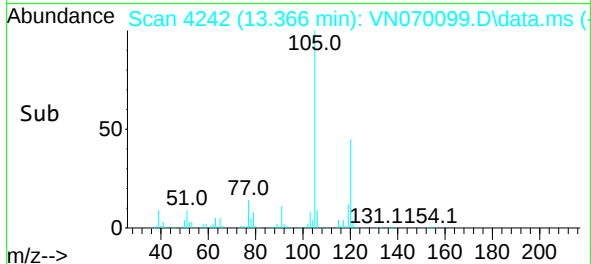
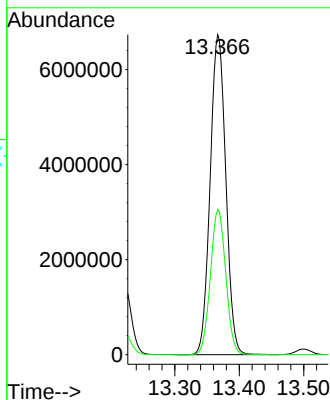
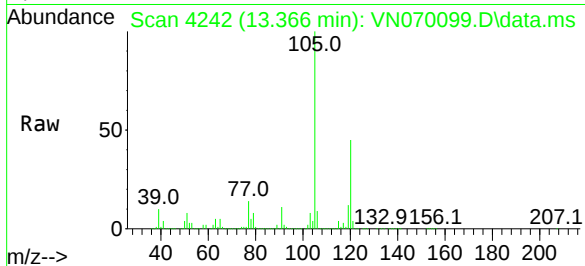




#84
1,2,4-Trimethylbenzene
Concen: 120.849 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

Instrument :
MSVOA_N
ClientSampleId :
HSB-5-(11.5-12)

Tgt Ion:105 Resp:11327899
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4



#95
Naphthalene
Concen: 13.301 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070099.D
Acq: 15 Dec 2021 3:44

Tgt Ion:128 Resp: 679943
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.6 8.7 13.1

