

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070096.D
 Acq On : 15 Dec 2021 2:28
 Operator : JC/MD
 Sample : M5011-06 10X
 Misc : 2.37g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-3-(11-11.5)

Quant Time: Dec 15 05:29:33 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)

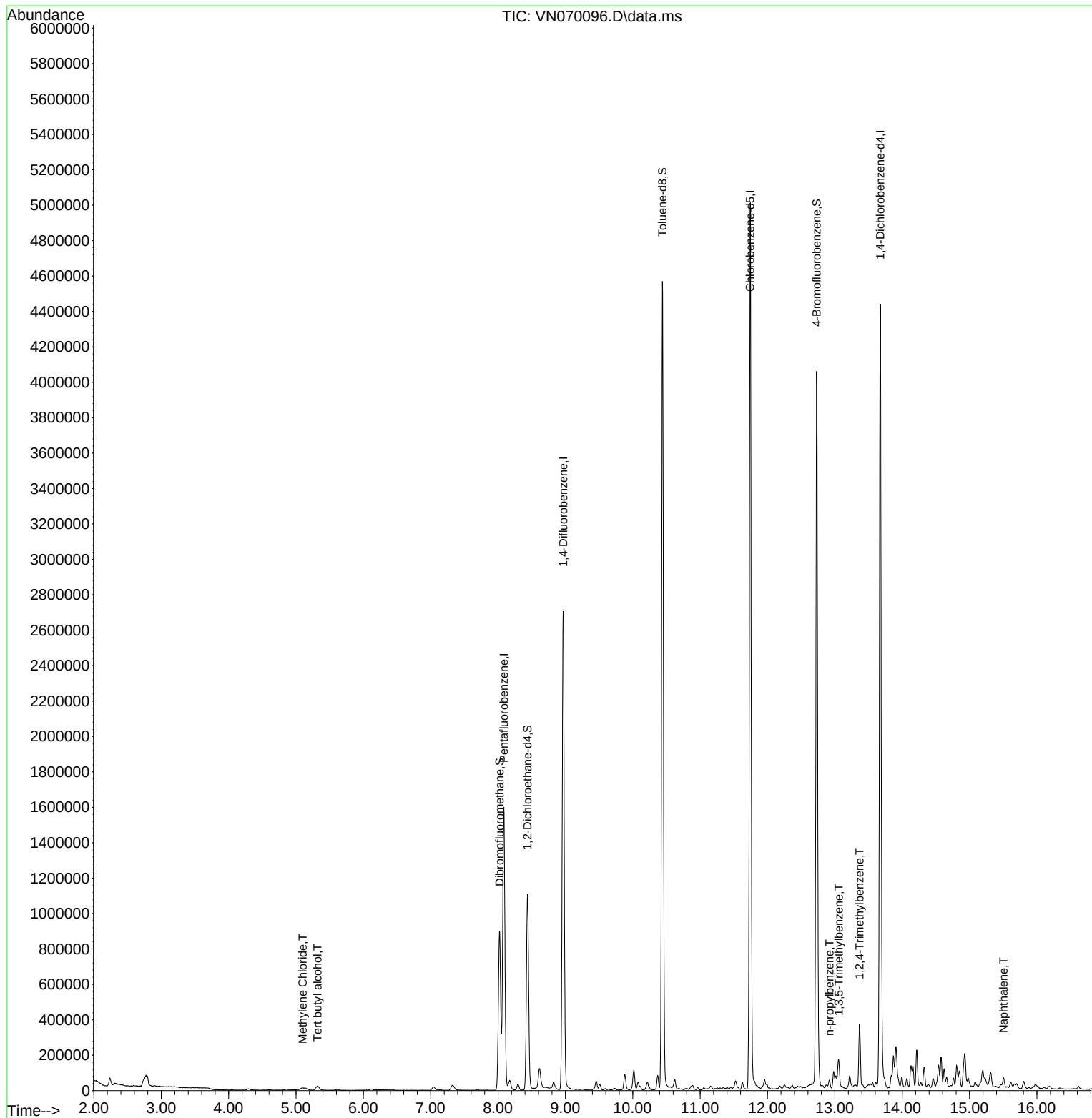
Internal Standards						
1) Pentafluorobenzene	8.086	168	1185071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2264604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2753236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1155737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	954014	52.139	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.280%			
35) Dibromofluoromethane	8.021	113	655897	46.239	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.480%			
50) Toluene-d8	10.440	98	3073285	53.958	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.920%			
62) 4-Bromofluorobenzene	12.731	95	1403017	67.994	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 135.980%#			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.318	59	24420	7.061	ug/l #	71
20) Methylene Chloride	5.098	84	5571	0.381	ug/l #	88
78) n-propylbenzene	12.921	91	34604	0.302	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	63742	0.770	ug/l	97
84) 1,2,4-Trimethylbenzene	13.366	105	212358	2.694	ug/l	95
95) Naphthalene	15.504	128	43870	4.700	ug/l	98

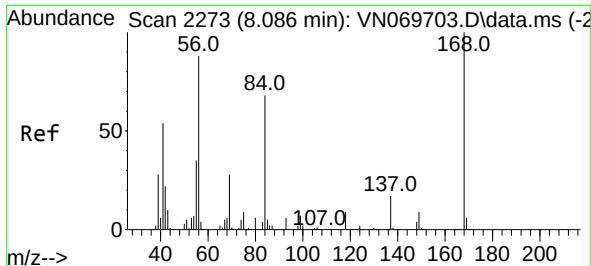
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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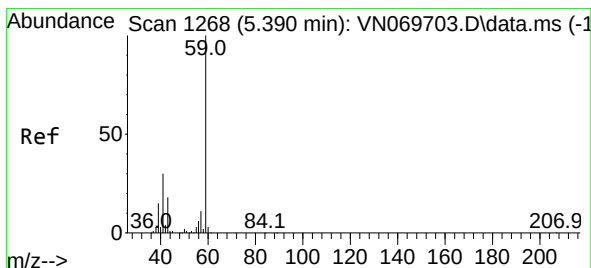
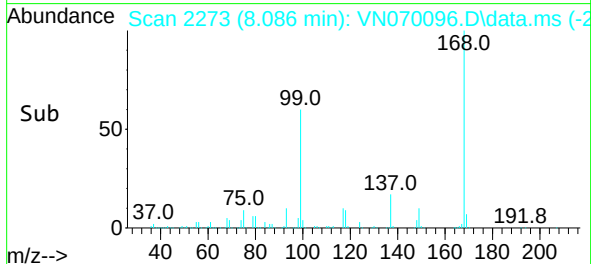
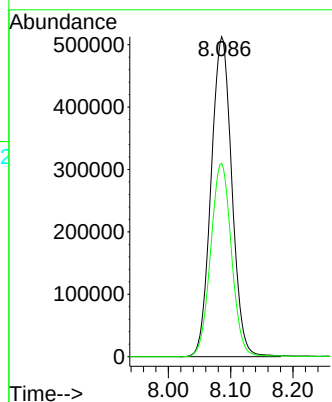
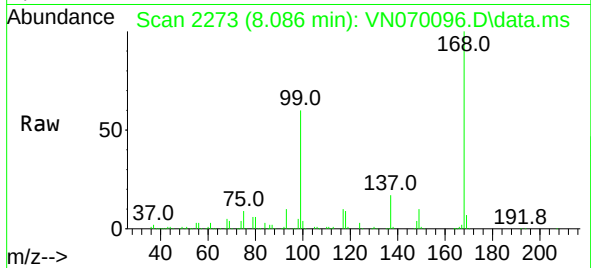




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

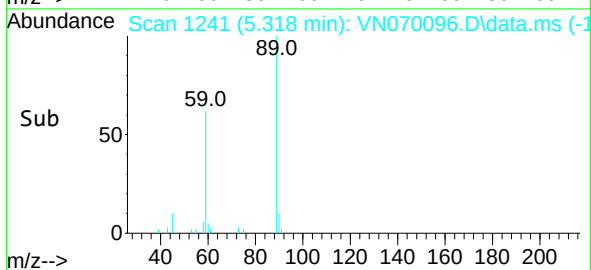
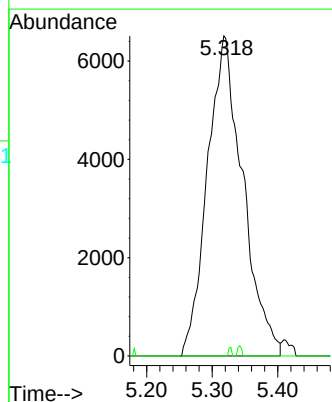
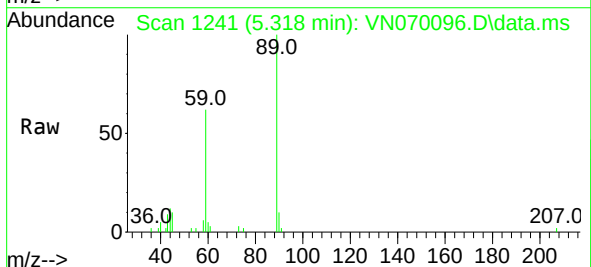
Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(11-11.5)

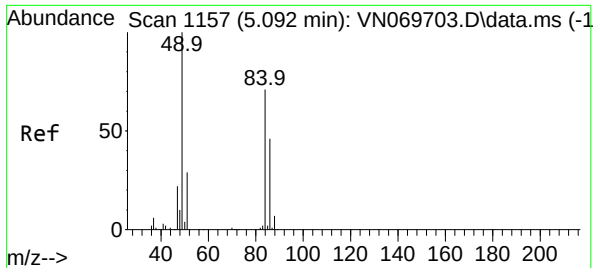
Tgt Ion:168 Resp: 1185071
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#11
Tert butyl alcohol
Concen: 7.061 ug/l
RT: 5.318 min Scan# 1241
Delta R.T. -0.072 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

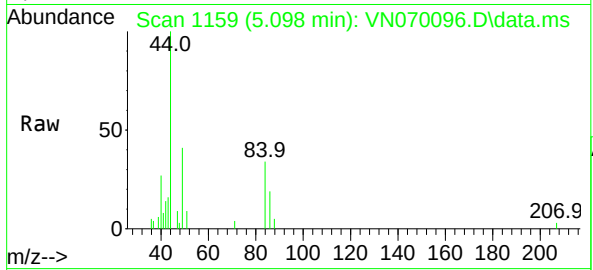
Tgt Ion: 59 Resp: 24420
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



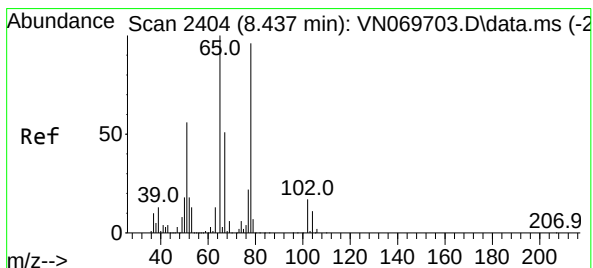
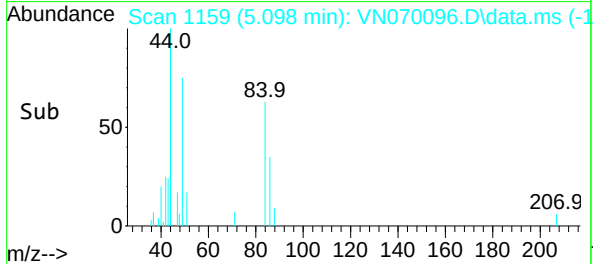
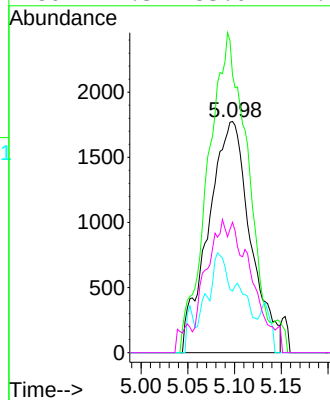


#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 5.098 min Scan# 1157
Delta R.T. 0.005 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(11-11.5)

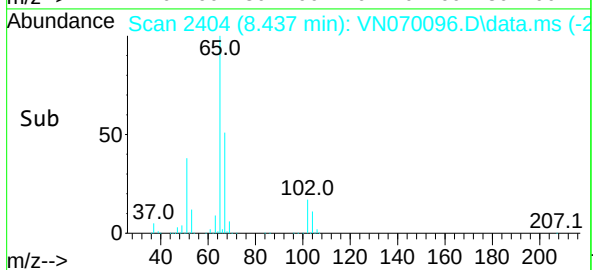
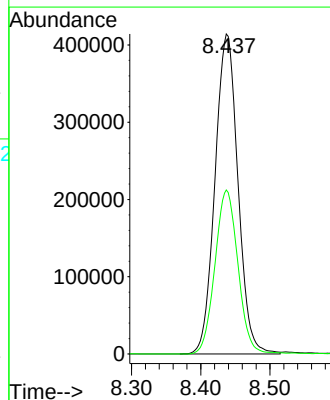
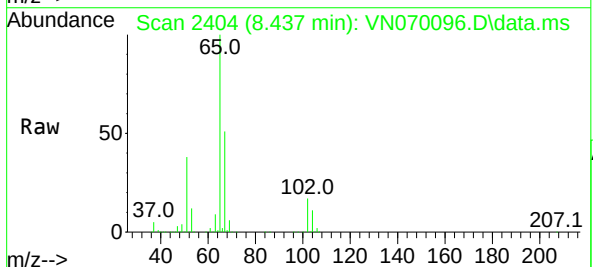


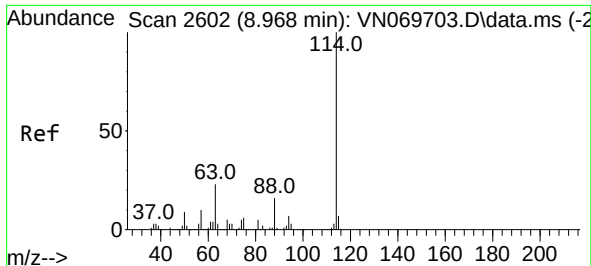
Tgt Ion: 84 Resp: 5571
Ion Ratio Lower Upper
84 100
49 120.1 93.5 140.3
51 26.6 29.4 44.2#
86 47.3 53.0 79.4#



#33
1,2-Dichloroethane-d4
Concen: 52.139 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

Tgt Ion: 65 Resp: 954014
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

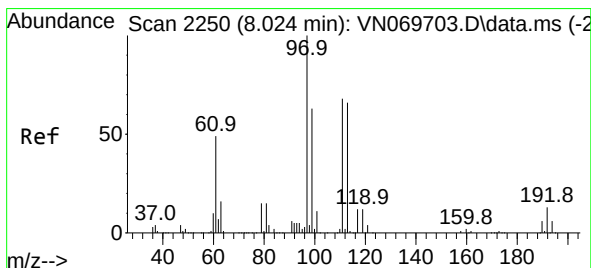
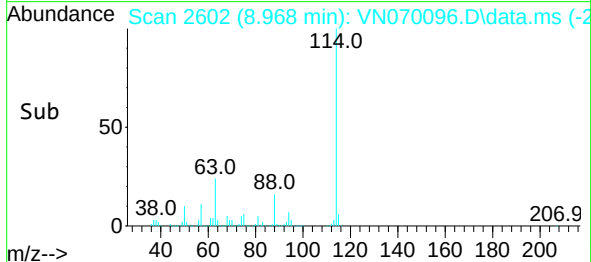
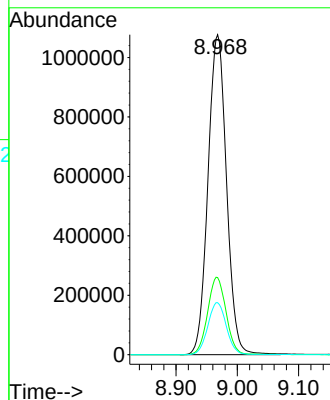
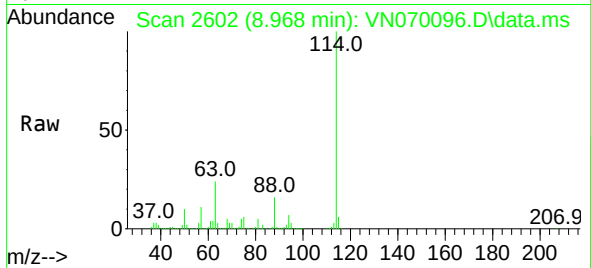




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

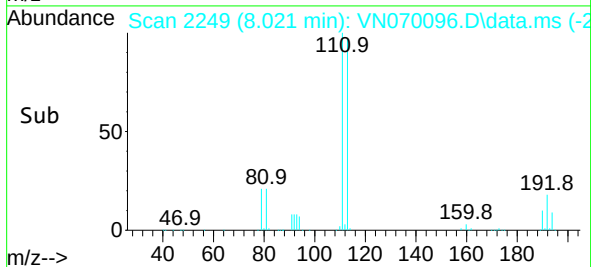
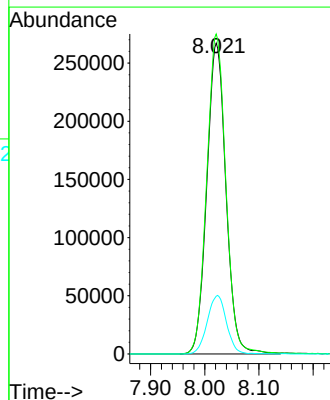
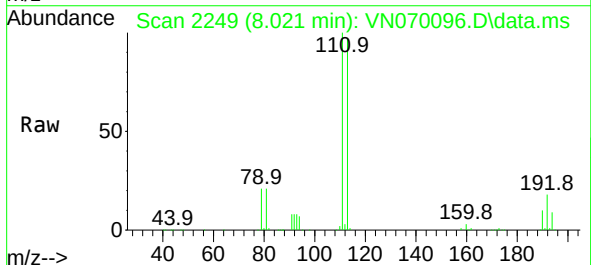
Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(11-11.5)

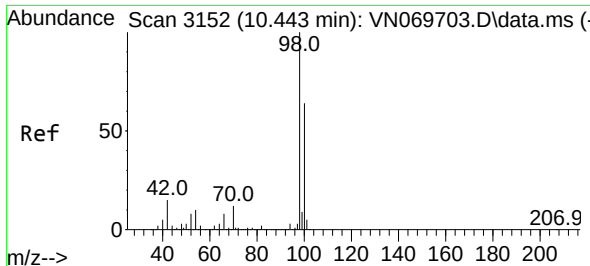
Tgt Ion:114 Resp: 2264604
Ion Ratio Lower Upper
114 100
63 24.1 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.239 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

Tgt Ion:113 Resp: 655897
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.8 16.9 25.3

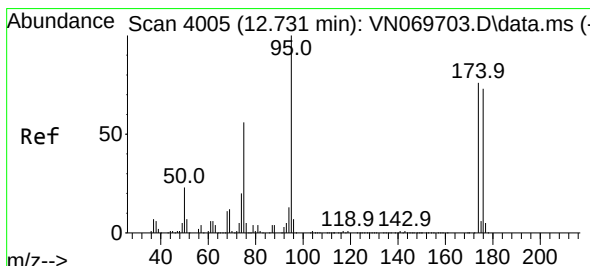
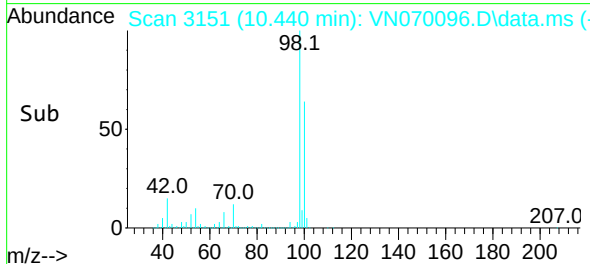
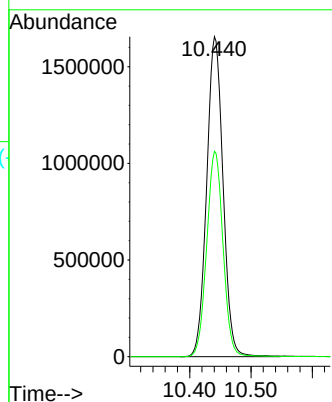
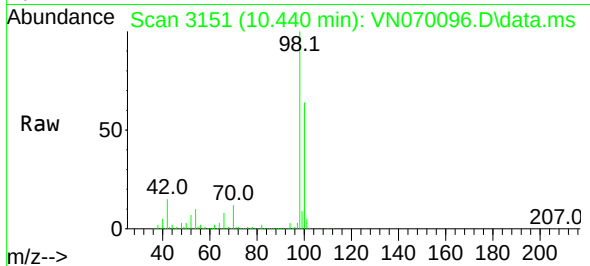




#50
Toluene-d8
Concen: 53.958 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

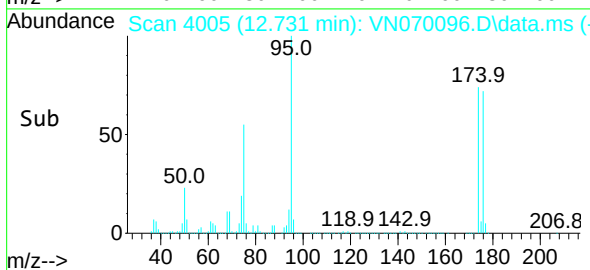
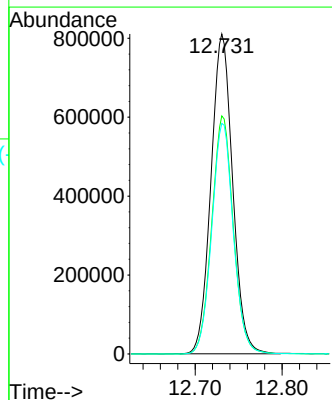
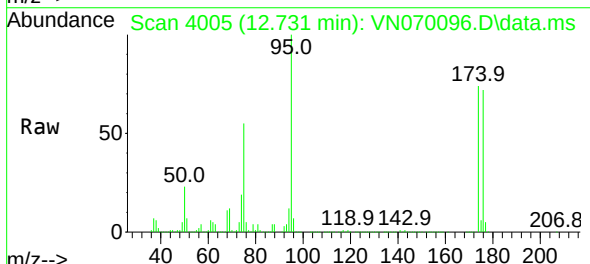
Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(11-11.5)

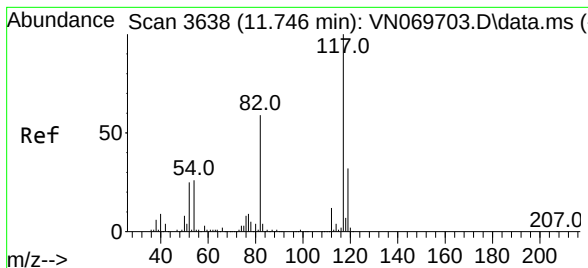
Tgt Ion: 98 Resp: 3073285
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 67.994 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

Tgt Ion: 95 Resp: 1403017
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 72.0 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: VN070096.D

Acq: 15 Dec 2021 2:28

Instrument :

MSVOA_N

ClientSampleId :

HSB-3-(11-11.5)

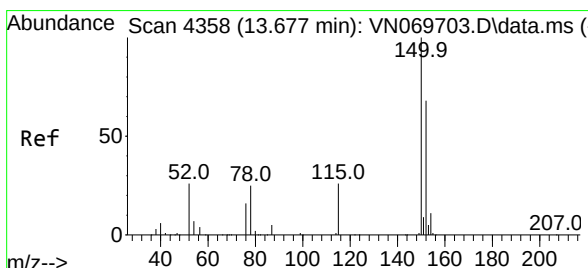
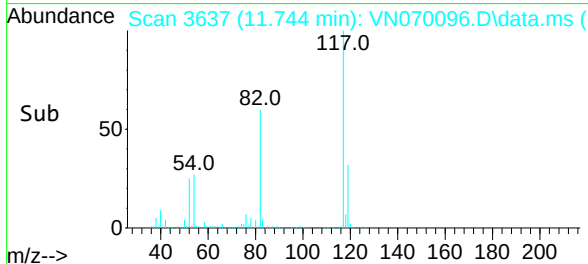
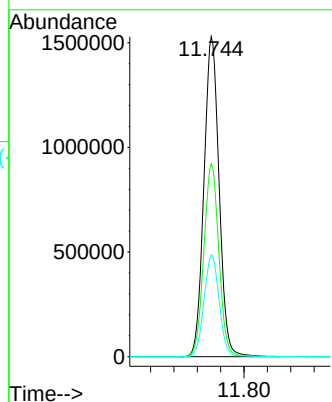
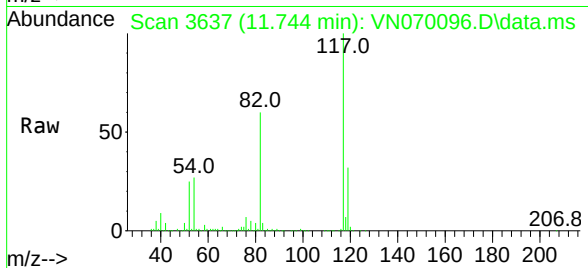
Tgt Ion:117 Resp: 2753236

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

119 31.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.003 min

Lab File: VN070096.D

Acq: 15 Dec 2021 2:28

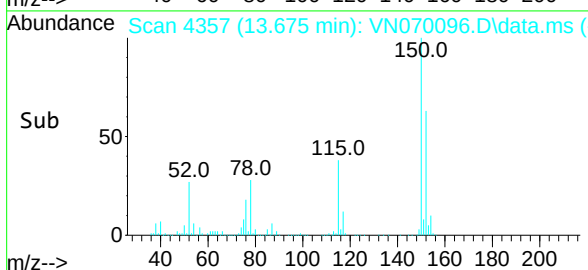
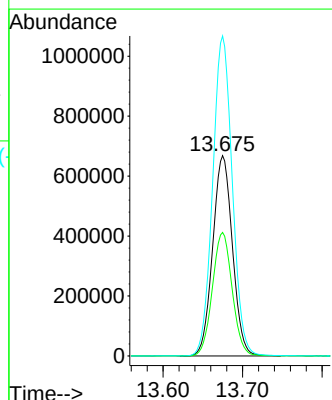
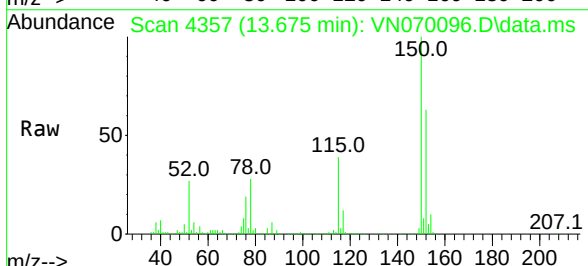
Tgt Ion:152 Resp: 1155737

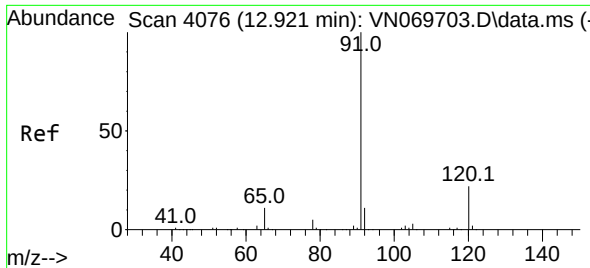
Ion Ratio Lower Upper

152 100

115 61.5 27.5 82.5

150 158.6 0.0 344.4

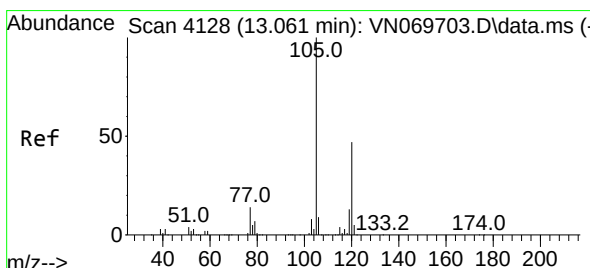
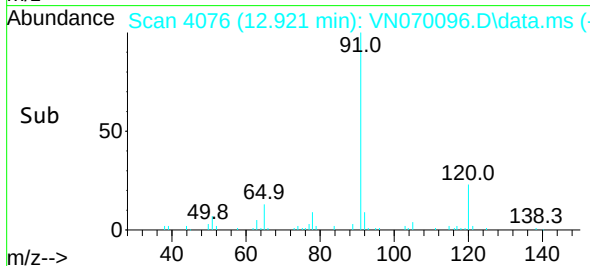
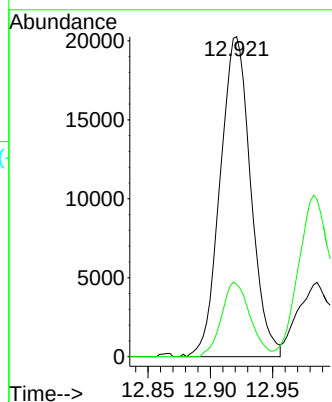
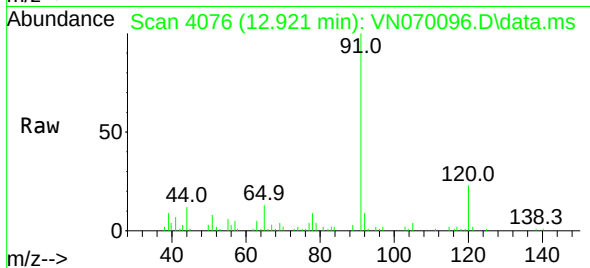




#78
n-propylbenzene
Concen: 0.302 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

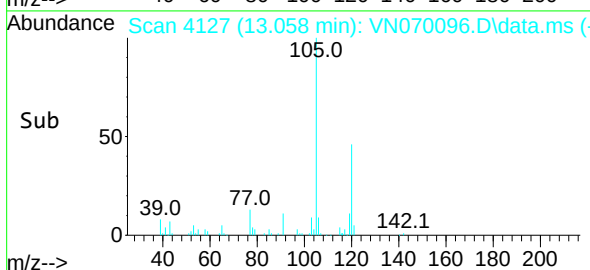
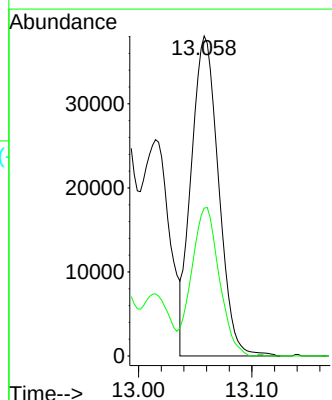
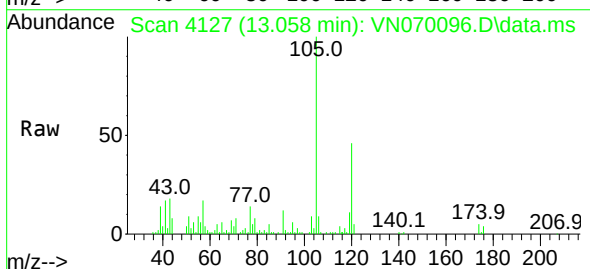
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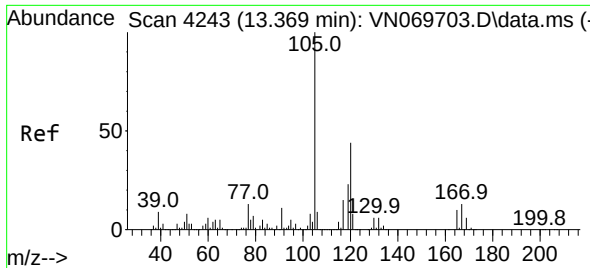
Tgt Ion: 91 Resp: 34604
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 0.770 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

Tgt Ion: 105 Resp: 63742
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6

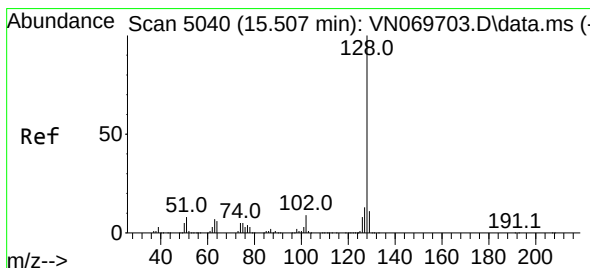
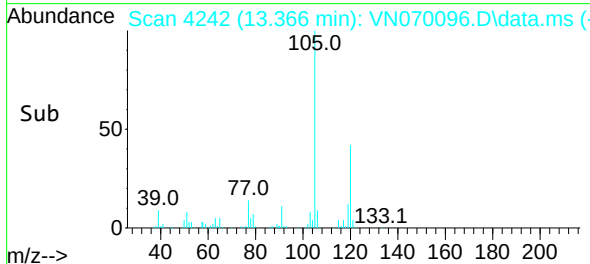
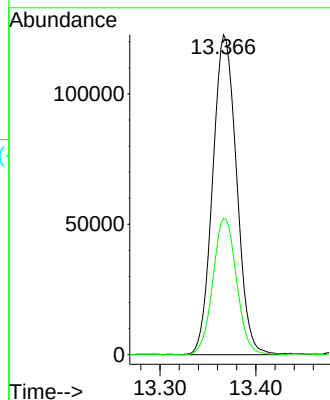
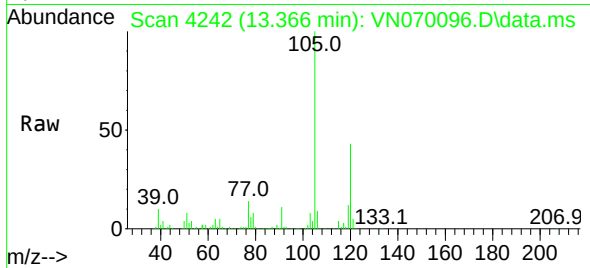




#84
1,2,4-Trimethylbenzene
Concen: 2.694 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(11-11.5)

Tgt Ion:105 Resp: 212358
Ion Ratio Lower Upper
105 100
120 42.3 22.8 68.4



#95
Naphthalene
Concen: 4.700 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070096.D
Acq: 15 Dec 2021 2:28

Tgt Ion:128 Resp: 43870
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 10.8 8.7 13.1

