

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070142.D
 Acq On : 16 Dec 2021 17:05
 Operator : JC/MD
 Sample : M5011-15
 Misc : 4.55g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-7-(11-11.5)

Quant Time: Dec 16 17:36:47 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)

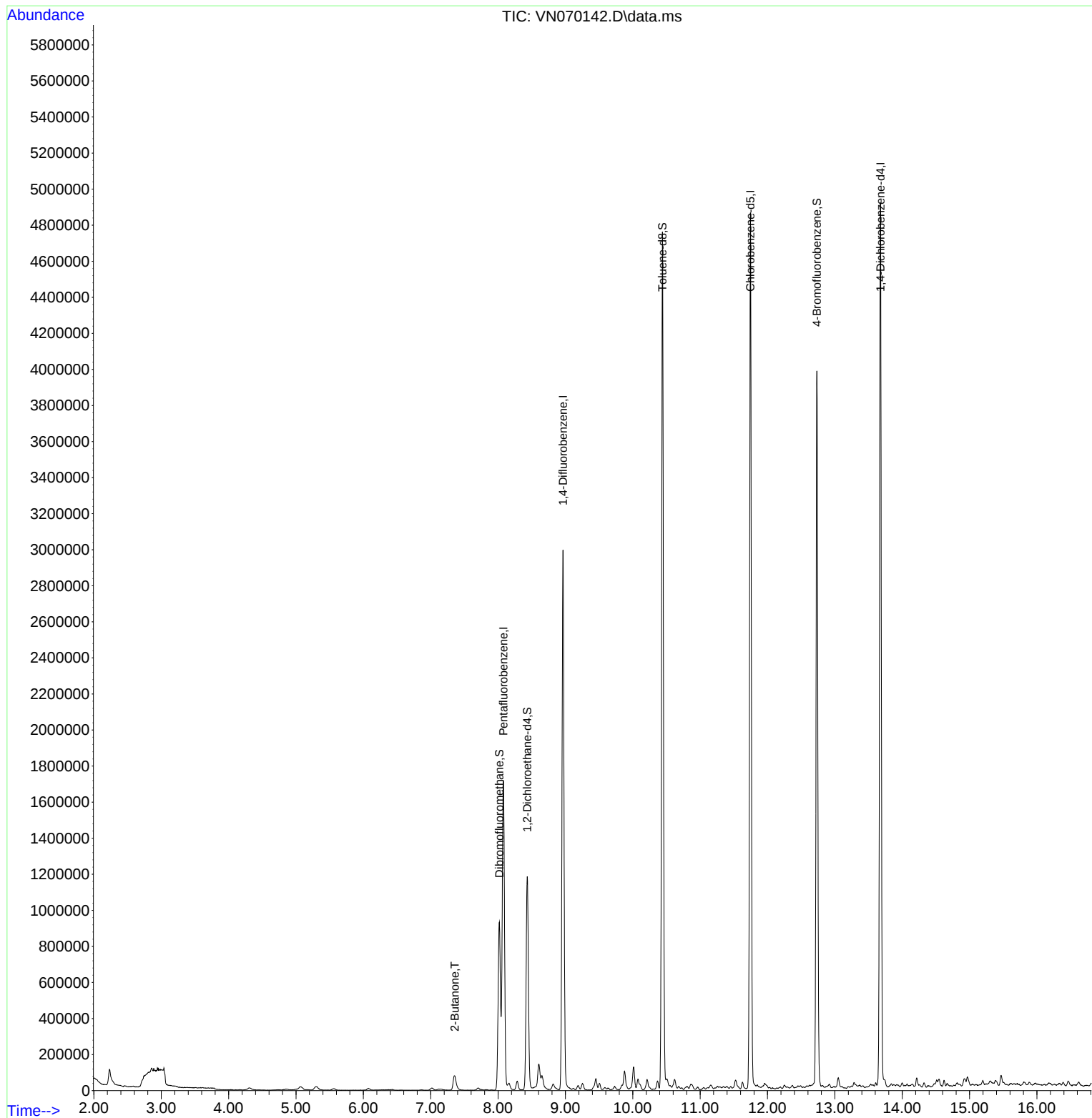
Internal Standards						
1) Pentafluorobenzene	8.077	168	1305395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2483331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2633276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1286678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1031724	51.19	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.38%
35) Dibromofluoromethane	8.018	113	671349	43.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	86.32%
50) Toluene-d8	10.440	98	3182442	50.95	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.90%
62) 4-Bromofluorobenzene	12.733	95	1378501	60.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.84%
Target Compounds						
25) 2-Butanone	7.356	43	166424	10.10	ug/l	Qvalue # 89

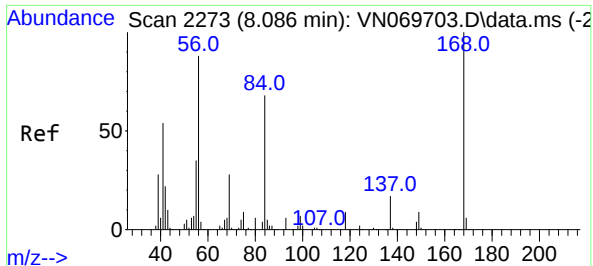
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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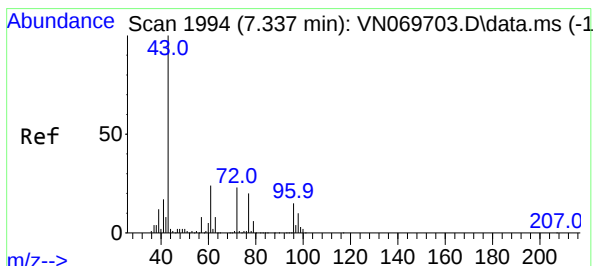
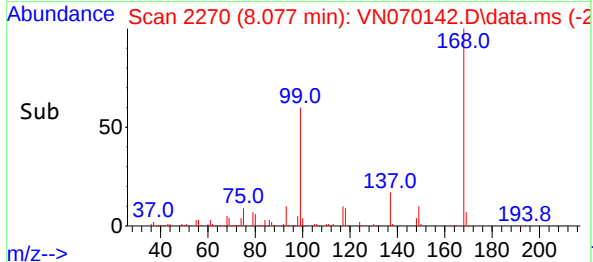
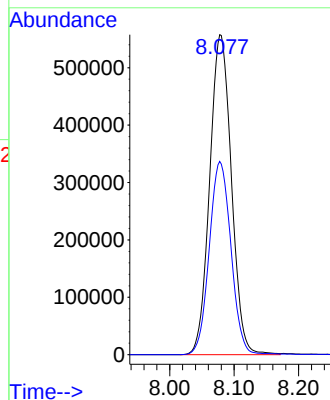
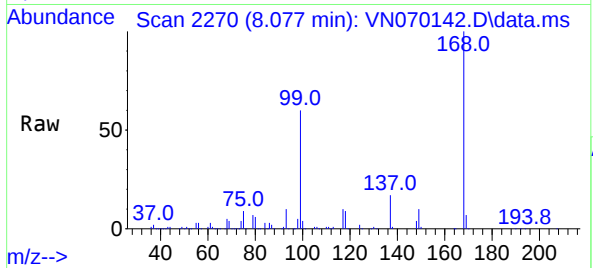




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.077 min Scan# 21
Delta R.T. -0.009 min
Lab File: VN070142.D
Acq: 16 Dec 2021 17:05

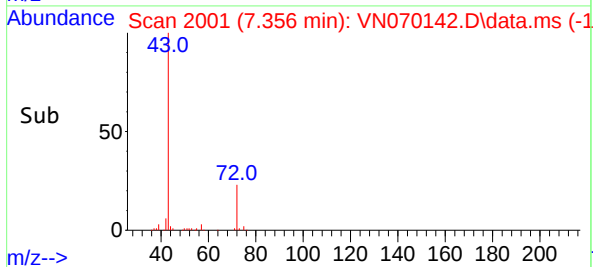
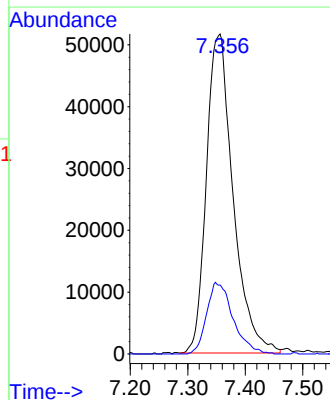
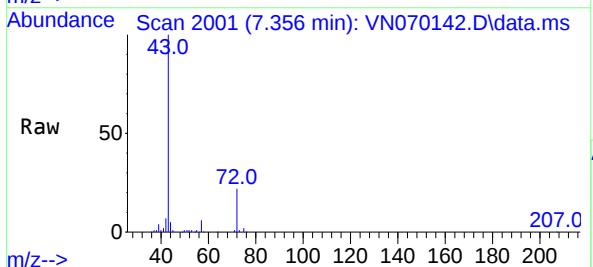
Instrument :
MSVOA_N
ClientSampleId :
HSB-7-(11-11.5)

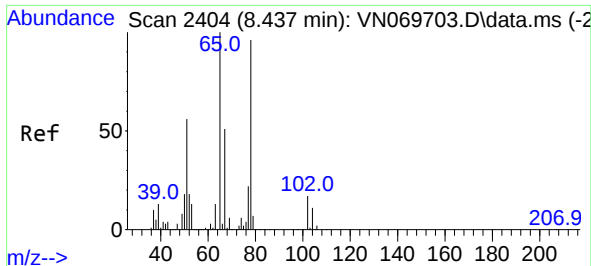
Tgt Ion:168 Resp: 1305395
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#25
2-Butanone
Concen: 10.10 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.019 min
Lab File: VN070142.D
Acq: 16 Dec 2021 17:05

Tgt Ion: 43 Resp: 166424
Ion Ratio Lower Upper
43 100
72 21.6 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 51.19 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.003 min

Lab File: VN070142.D

Acq: 16 Dec 2021 17:05

Instrument :

MSVOA_N

ClientSampleId :

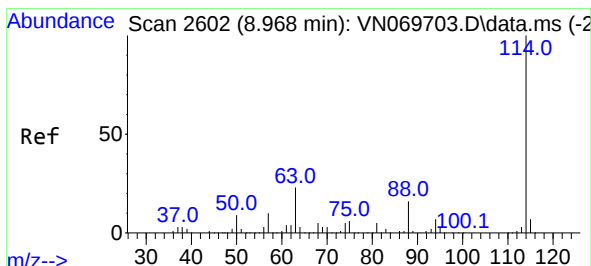
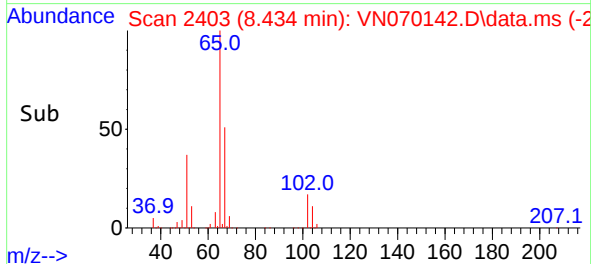
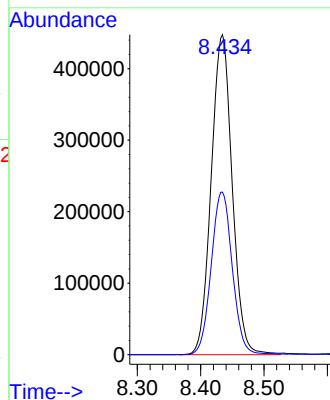
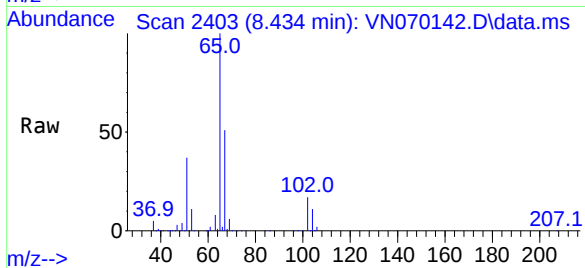
HSB-7-(11-11.5)

Tgt Ion: 65 Resp: 1031724

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070142.D

Acq: 16 Dec 2021 17:05

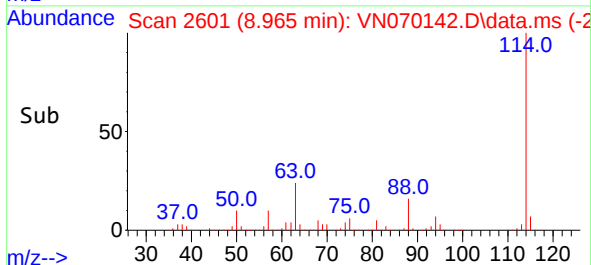
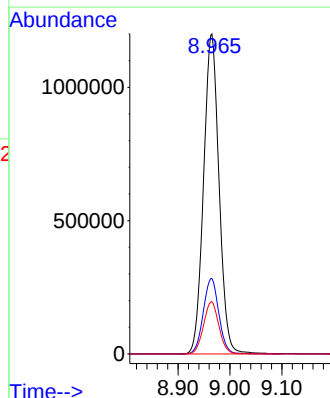
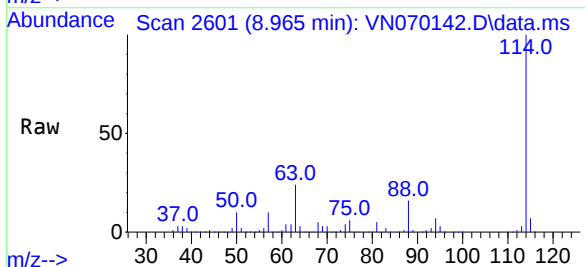
Tgt Ion: 114 Resp: 2483331

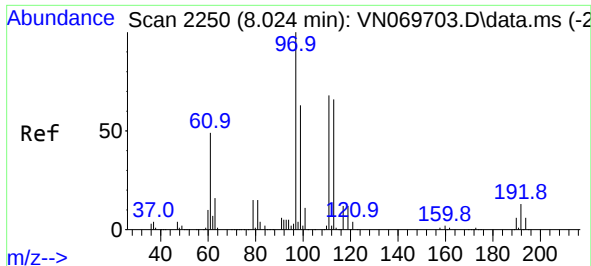
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.4 0.0 27.4

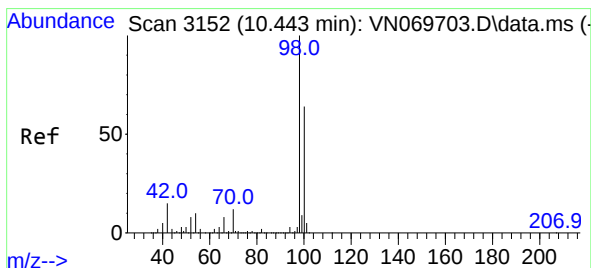
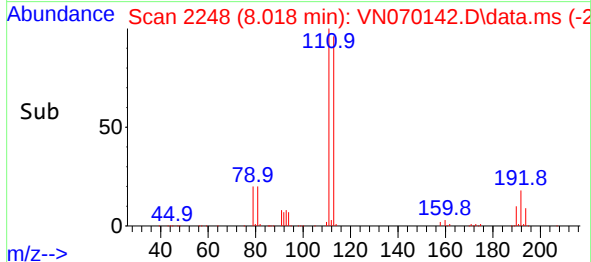
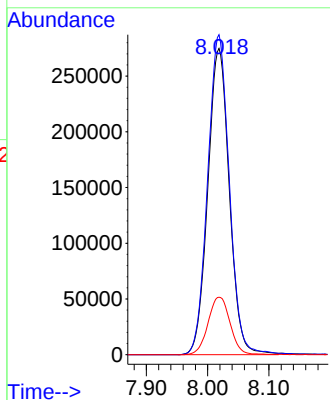
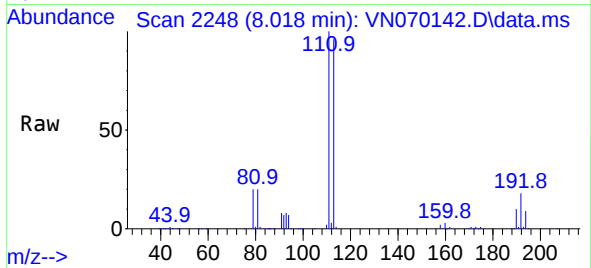




#35
Dibromofluoromethane
Concen: 43.16 ug/l
RT: 8.018 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070142.D
Acq: 16 Dec 2021 17:05

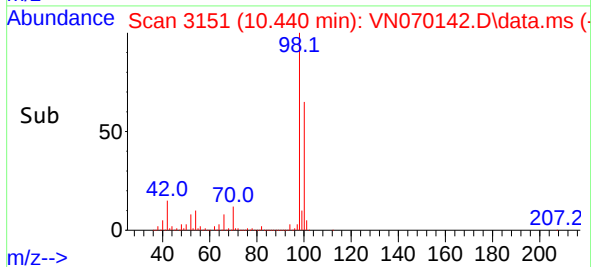
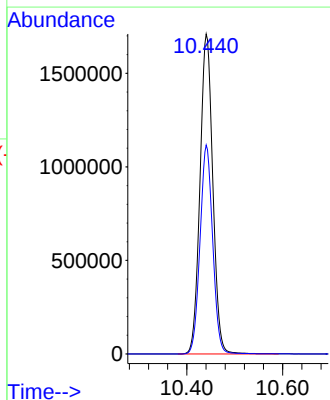
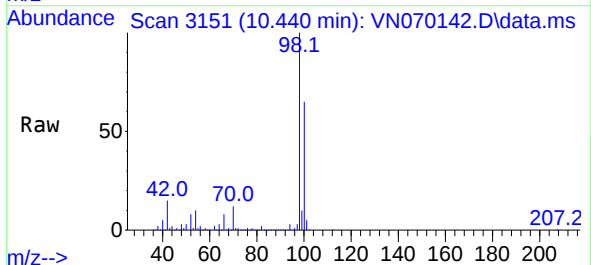
Instrument :
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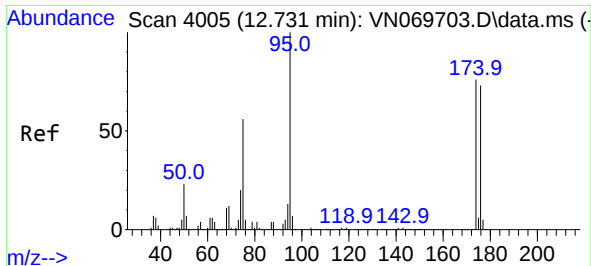
Tgt Ion:113 Resp: 671349
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.2
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 50.95 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070142.D
Acq: 16 Dec 2021 17:05

Tgt Ion: 98 Resp: 3182442
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

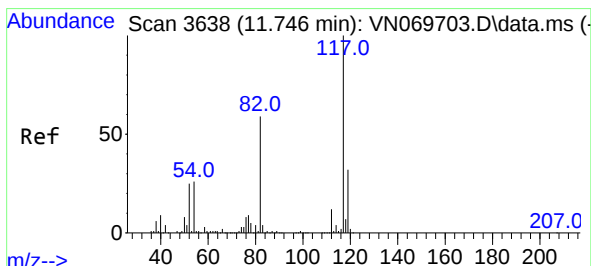
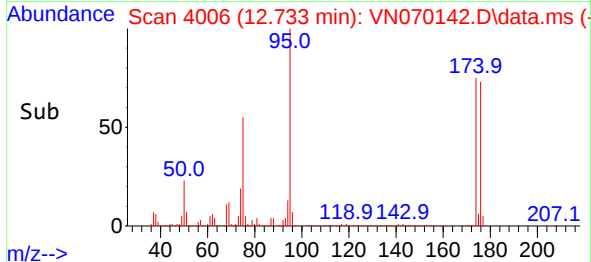
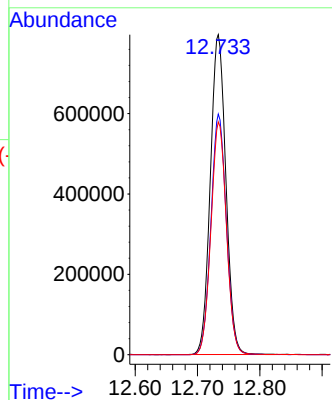
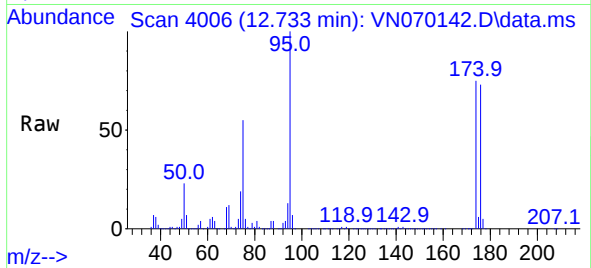




#62
4-Bromofluorobenzene
Concen: 60.92 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070142.D
Acq: 16 Dec 2021 17:05

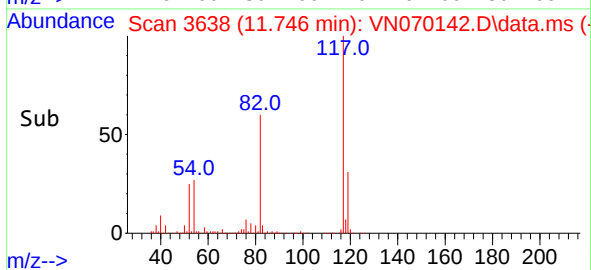
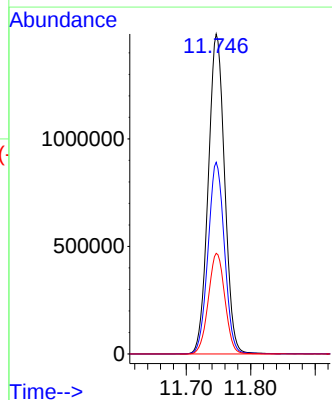
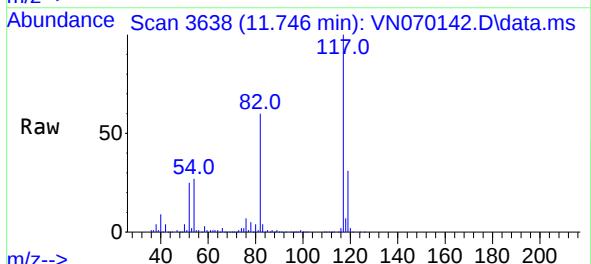
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HSB-7-(11-11.5)

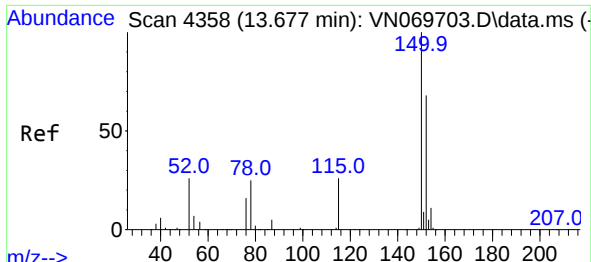
Tgt Ion: 95 Resp: 1378501
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 72.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070142.D
Acq: 16 Dec 2021 17:05

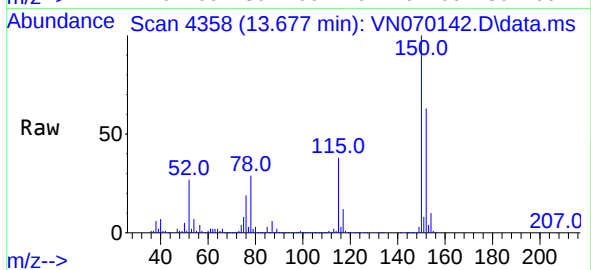
Tgt Ion: 117 Resp: 2633276
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.5 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070142.D
Acq: 16 Dec 2021 17:05

Instrument :
MSVOA_N
ClientSampleId :
HSB-7-(11-11.5)



Tgt Ion:152 Resp: 1286678
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 158.0 0.0 344.4

