

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070139.D
 Acq On : 16 Dec 2021 15:48
 Operator : JC/MD
 Sample : M5011-08
 Misc : 3.13g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-4-(9.5-10)

Quant Time: Dec 16 16:06:17 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)

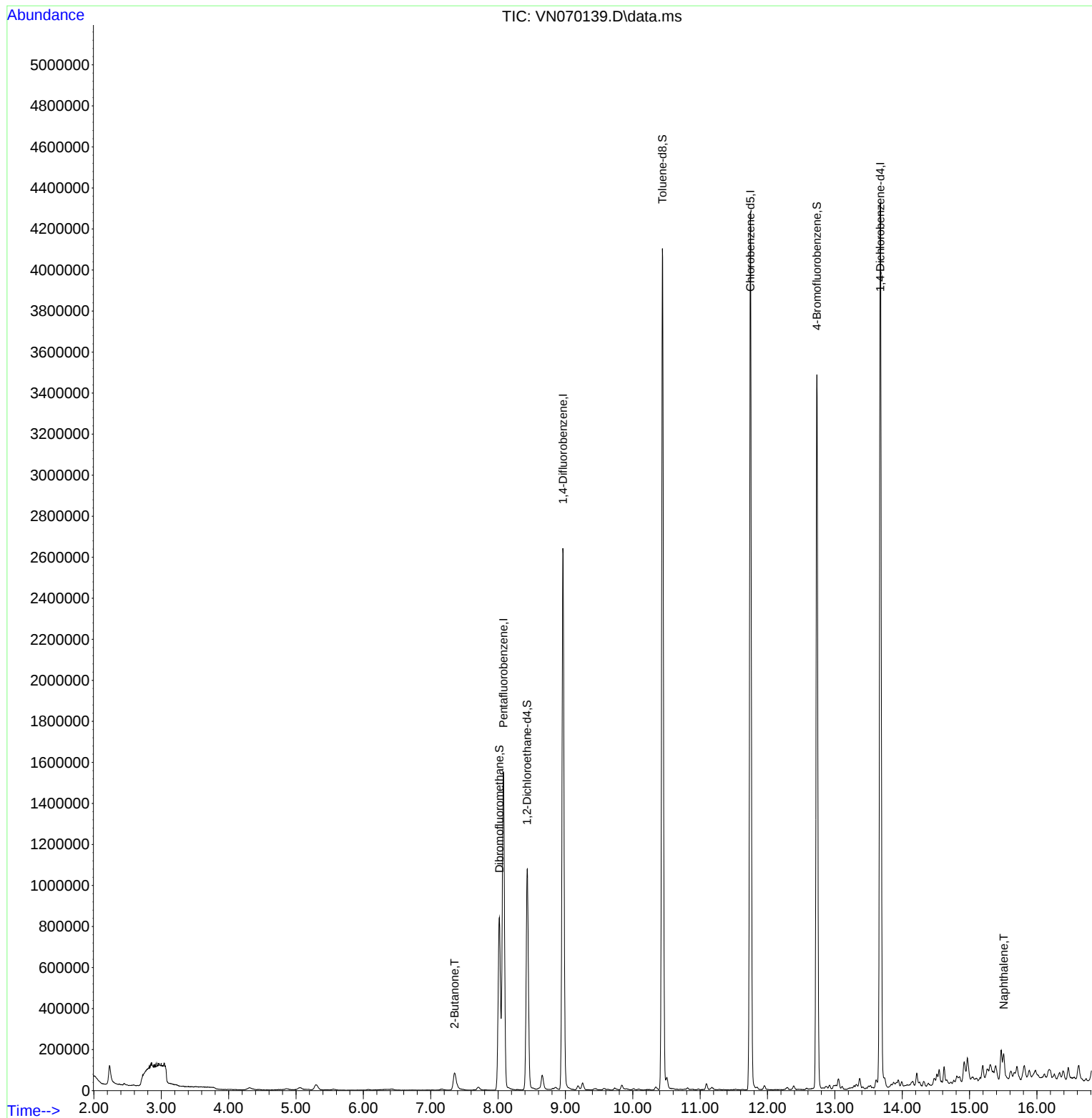
Internal Standards						
1) Pentafluorobenzene	8.080	168	1179728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2206225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2322835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1126354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	923067	50.68	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.36%
35) Dibromofluoromethane	8.019	113	609246	44.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.18%
50) Toluene-d8	10.440	98	2762246	49.78	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.56%
62) 4-Bromofluorobenzene	12.734	95	1214511	60.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	120.84%
Target Compounds						
					Qvalue	
25) 2-Butanone	7.353	43	179417	12.05	ug/l #	89
95) Naphthalene	15.507	128	111939	5.86	ug/l	96

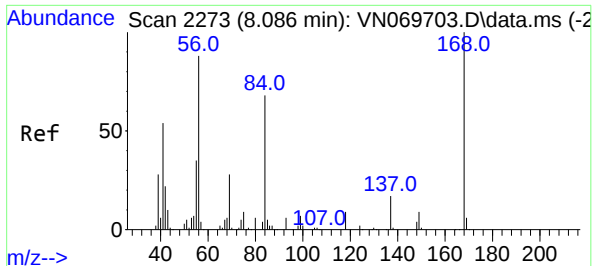
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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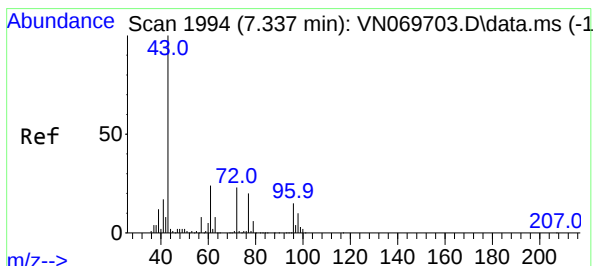
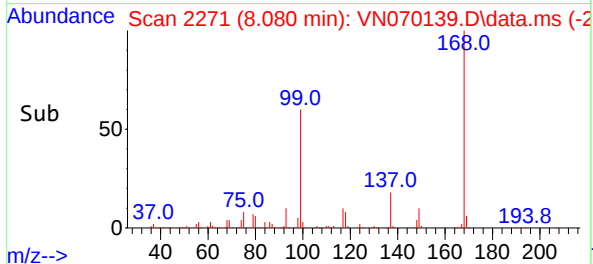
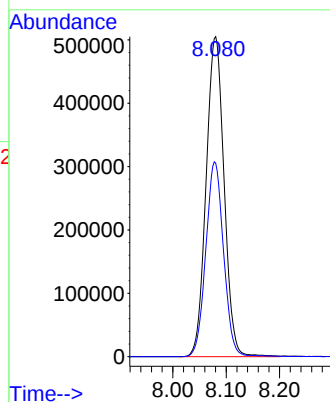
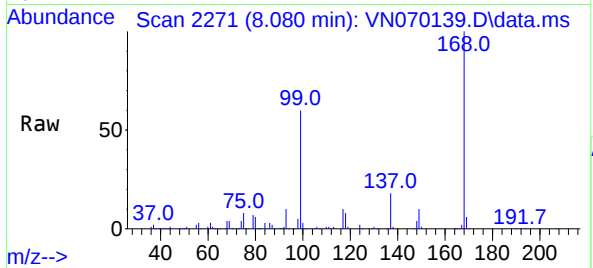




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070139.D
Acq: 16 Dec 2021 15:48

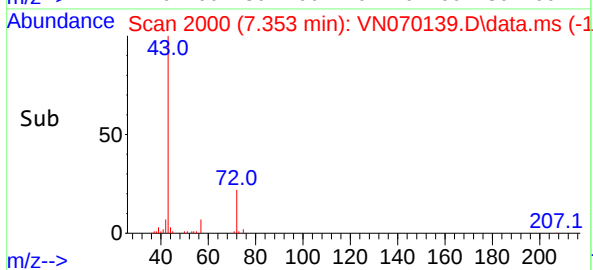
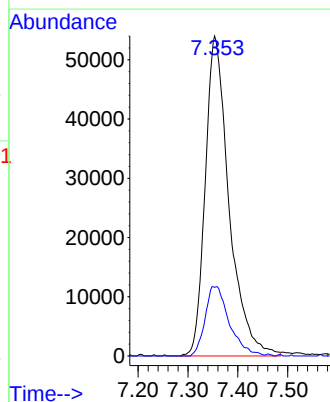
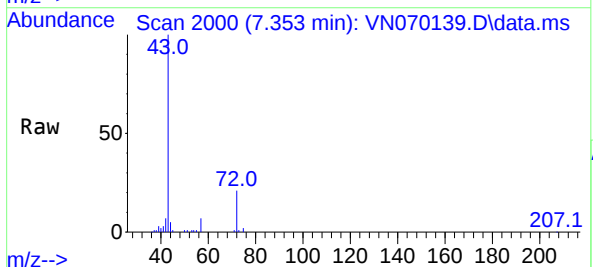
Instrument :
MSVOA_N
ClientSampleId :
HSB-4-(9.5-10)

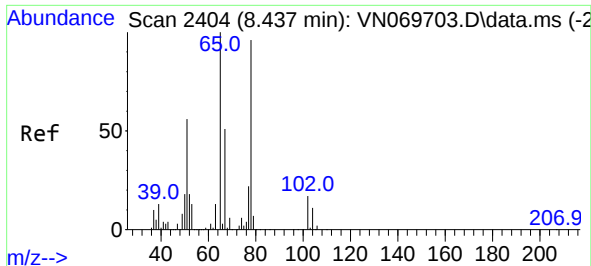
Tgt Ion:168 Resp: 1179728
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#25
2-Butanone
Concen: 12.05 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.016 min
Lab File: VN070139.D
Acq: 16 Dec 2021 15:48

Tgt Ion: 43 Resp: 179417
Ion Ratio Lower Upper
43 100
72 21.4 21.7 32.5

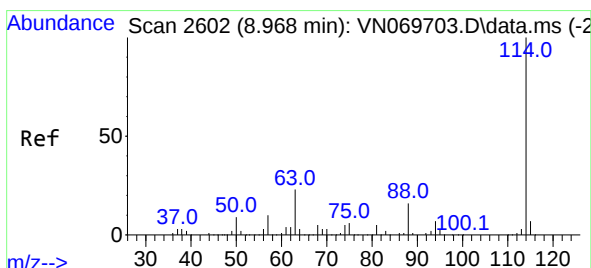
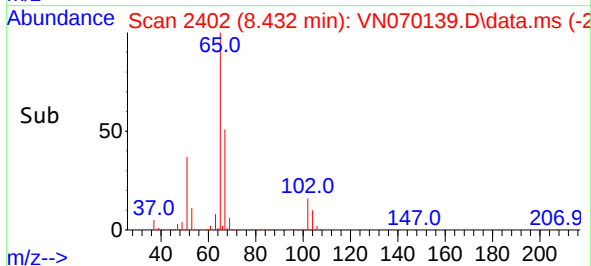
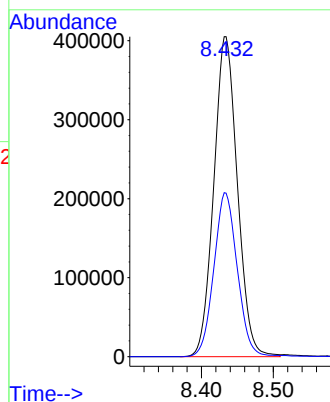
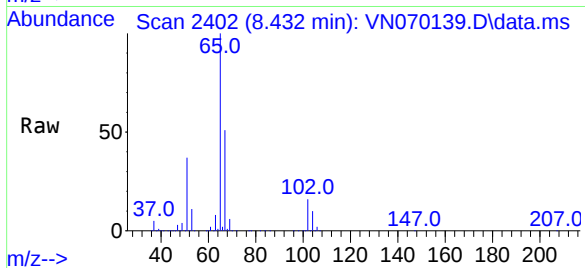




#33
 1,2-Dichloroethane-d4
 Concen: 50.68 ug/l
 RT: 8.432 min Scan# 24
 Delta R.T. -0.005 min
 Lab File: VN070139.D
 Acq: 16 Dec 2021 15:48

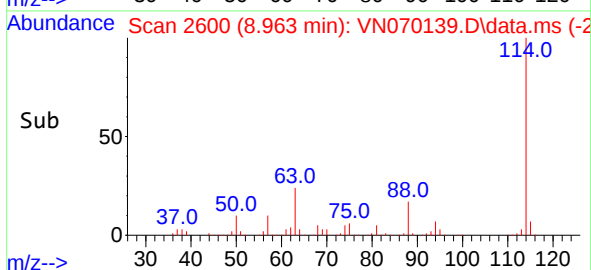
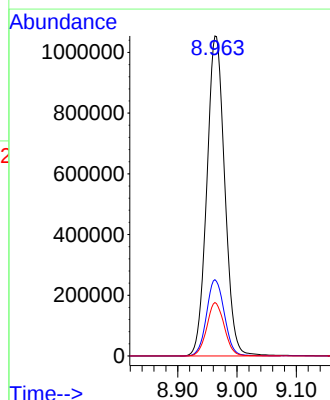
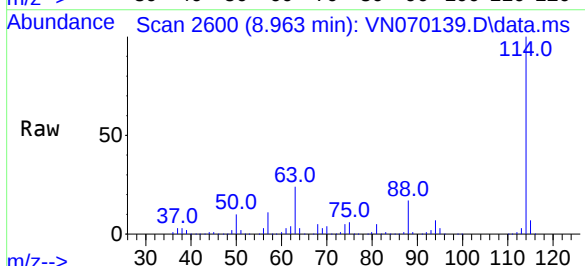
Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-4-(9.5-10)

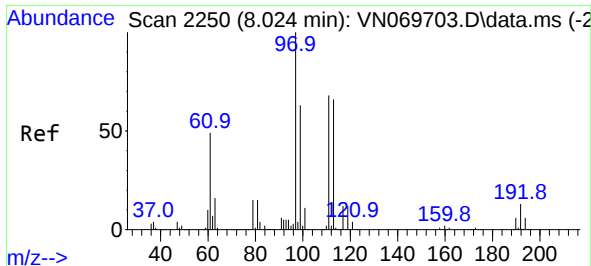
Tgt Ion: 65 Resp: 923067
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.963 min Scan# 2600
 Delta R.T. -0.005 min
 Lab File: VN070139.D
 Acq: 16 Dec 2021 15:48

Tgt Ion: 114 Resp: 2206225
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 37.8
 88 16.7 0.0 27.4

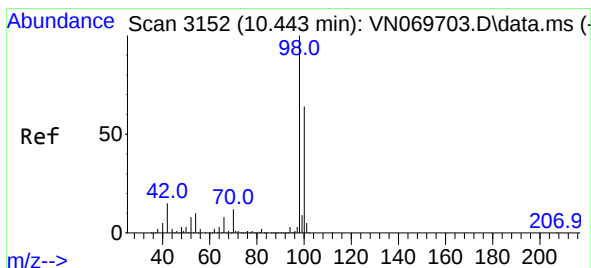
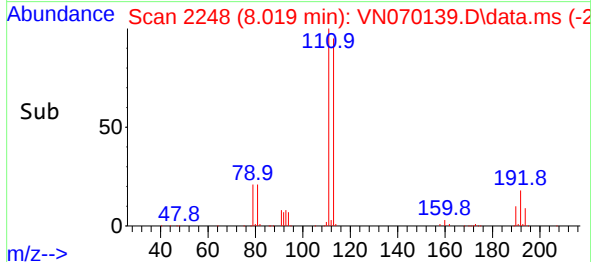
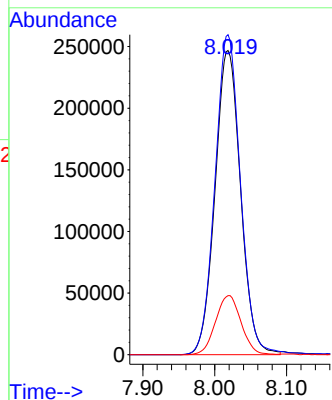
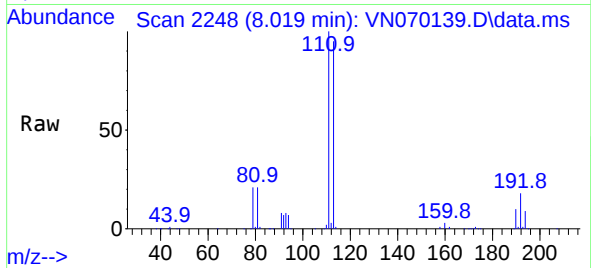




#35
Dibromofluoromethane
Concen: 44.09 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070139.D
Acq: 16 Dec 2021 15:48

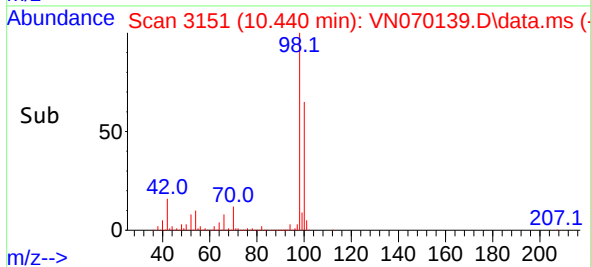
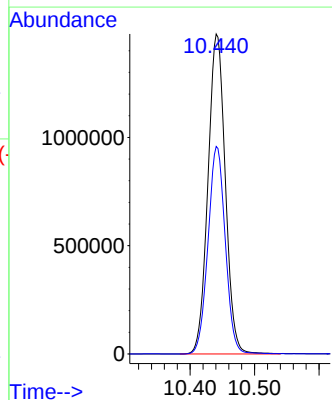
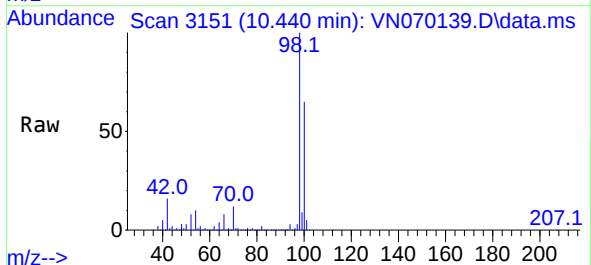
Instrument :
MSVOA_N
ClientSampleId :
HSB-4-(9.5-10)

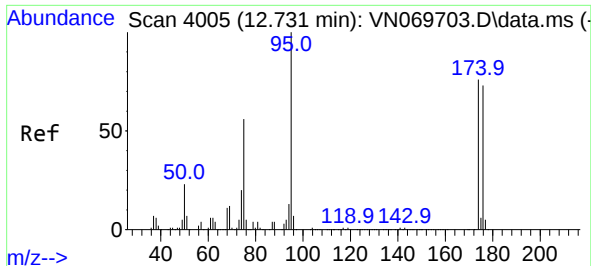
Tgt Ion:113 Resp: 609246
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.2
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 49.78 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070139.D
Acq: 16 Dec 2021 15:48

Tgt Ion: 98 Resp: 2762246
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6

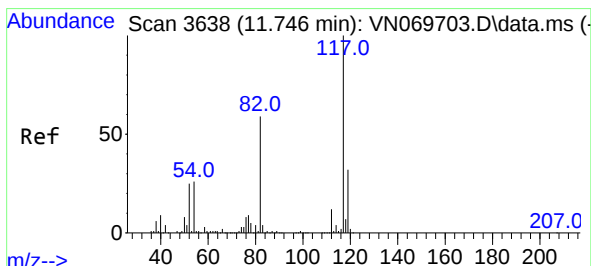
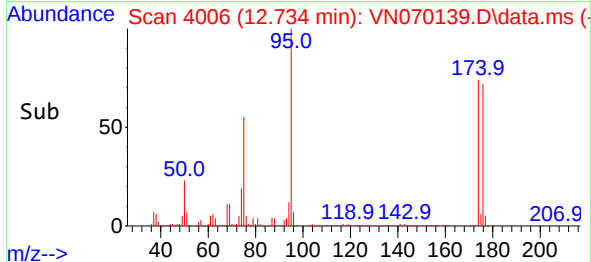
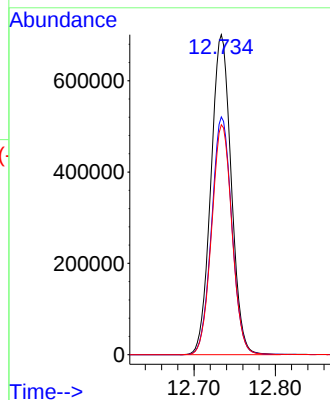
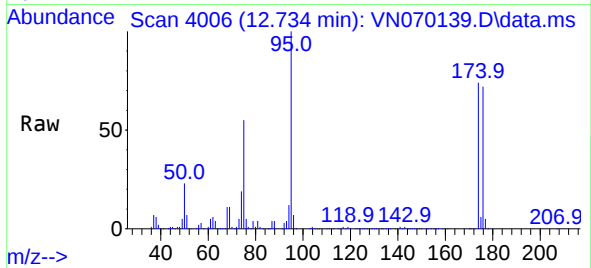




#62
4-Bromofluorobenzene
Concen: 60.42 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070139.D
Acq: 16 Dec 2021 15:48

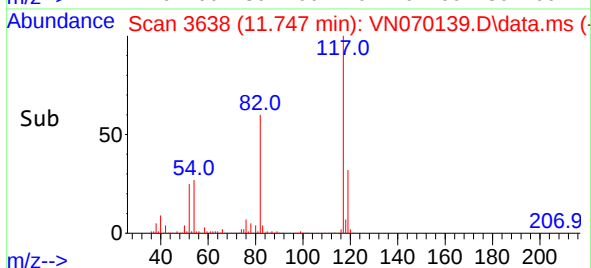
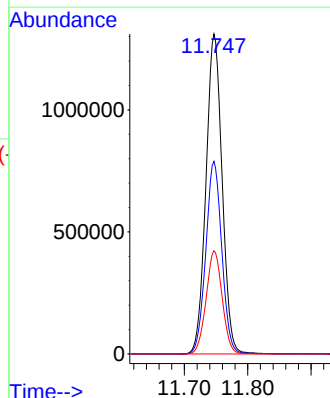
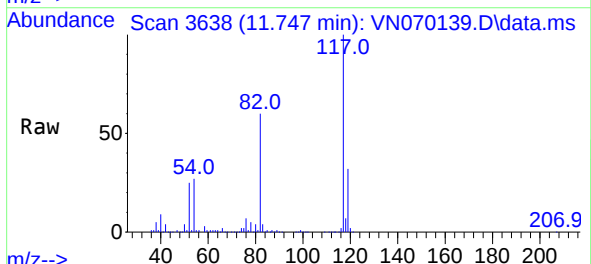
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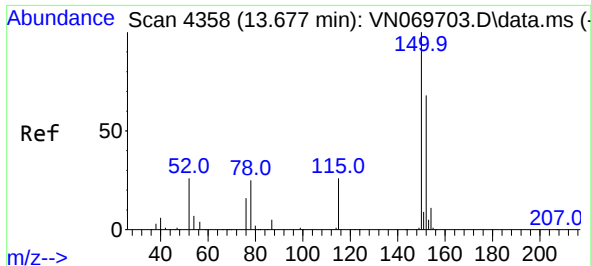
Tgt Ion: 95 Resp: 1214511
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 72.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070139.D
Acq: 16 Dec 2021 15:48

Tgt Ion: 117 Resp: 2322835
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 32.2 25.4 38.2

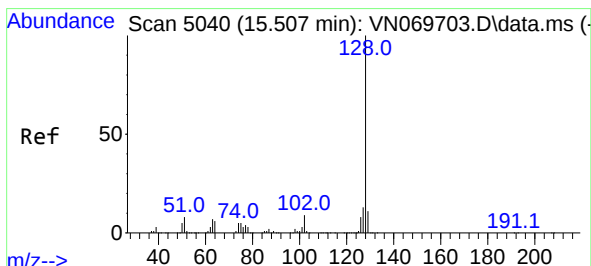
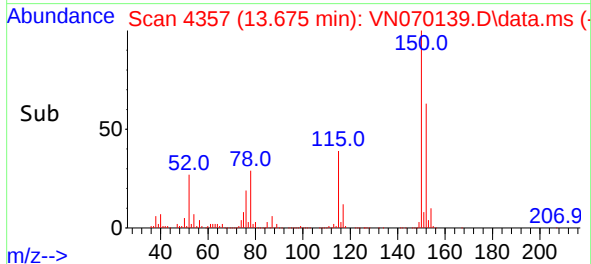
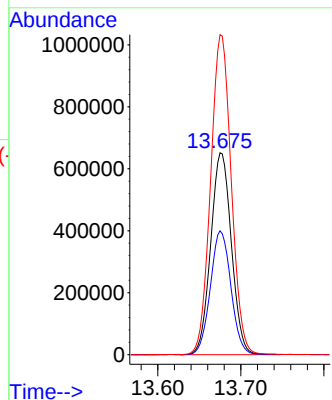
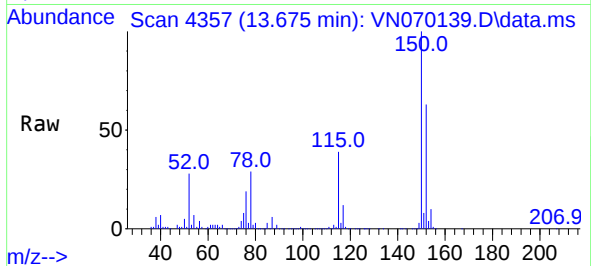




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070139.D
Acq: 16 Dec 2021 15:48

Instrument :
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HSB-4-(9.5-10)

Tgt Ion:152 Resp: 1126354
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 157.9 0.0 344.4



#95
Naphthalene
Concen: 5.86 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070139.D
Acq: 16 Dec 2021 15:48

Tgt Ion:128 Resp: 111939
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 9.3 8.7 13.1

