

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070141.D
 Acq On : 16 Dec 2021 16:40
 Operator : JC/MD
 Sample : M5011-13
 Misc : 3.39g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-6-(10-10.5)

Quant Time: Dec 16 17:31:18 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)

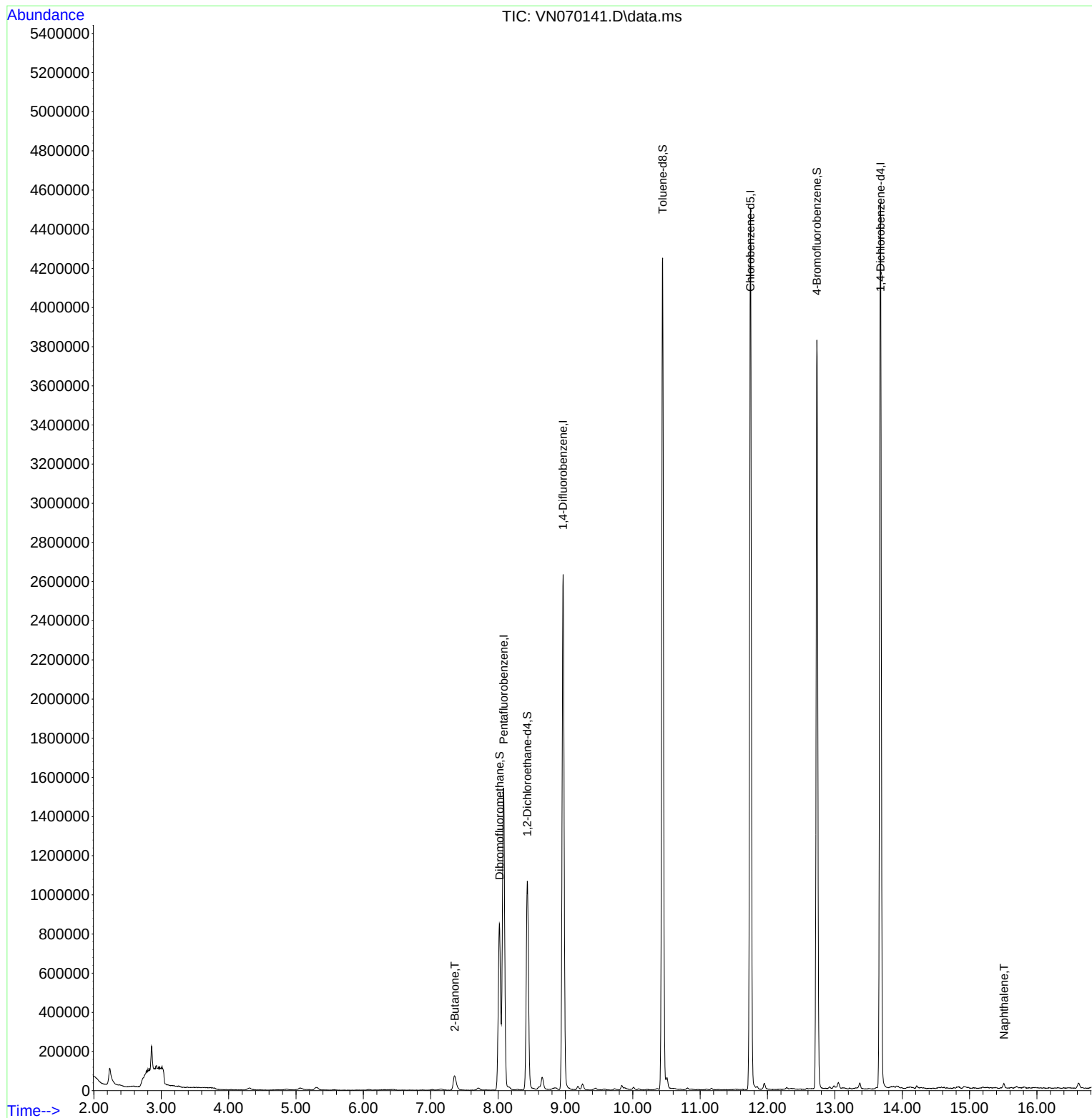
Internal Standards						
1) Pentafluorobenzene	8.083	168	1186031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2233338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2482648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1199338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	929703	50.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.54%			
35) Dibromofluoromethane	8.021	113	609803	43.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 87.18%			
50) Toluene-d8	10.443	98	2915443	51.90	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.80%			
62) 4-Bromofluorobenzene	12.733	95	1314275	64.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 129.16%			
Target Compounds						Qvalue
25) 2-Butanone	7.356	43	151038	10.09	ug/l #	86
95) Naphthalene	15.509	128	19698	4.29	ug/l	98

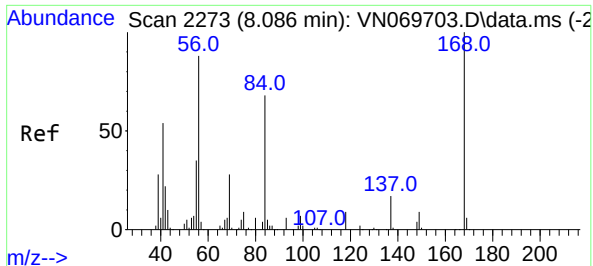
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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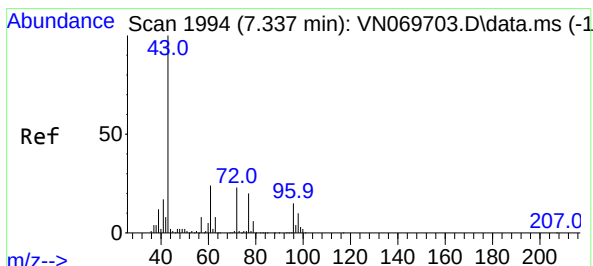
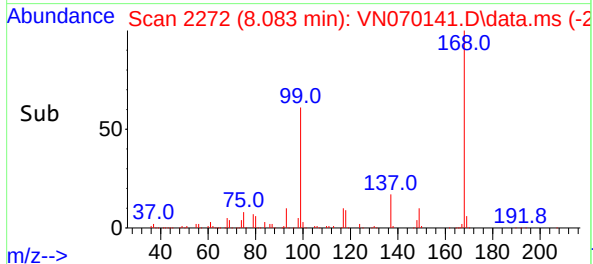
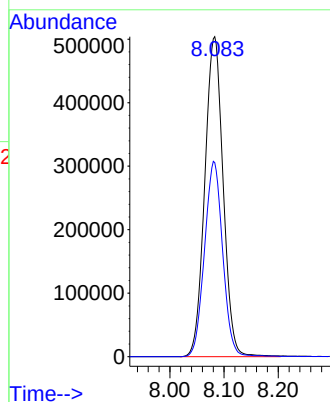
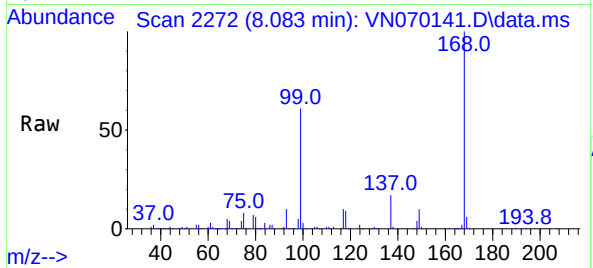




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

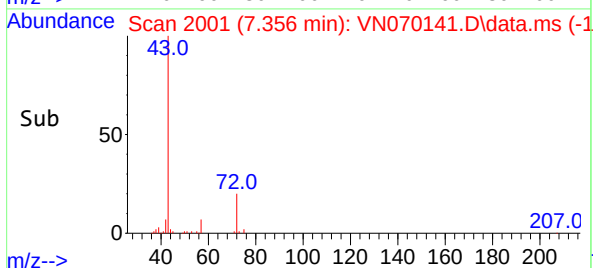
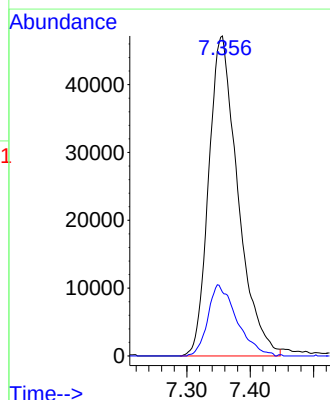
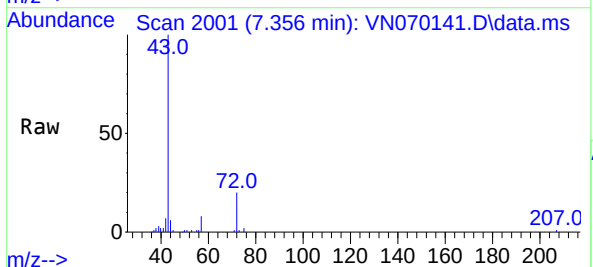
Instrument :
MSVOA_N
ClientSampleId :
HSB-6-(10-10.5)

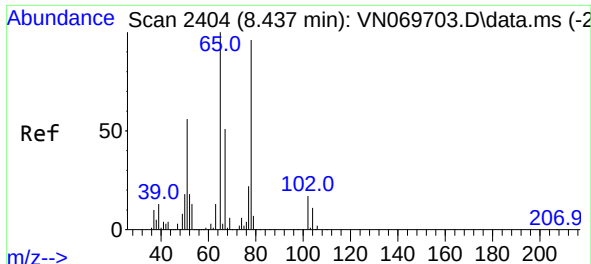
Tgt Ion:168 Resp: 1186031
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#25
2-Butanone
Concen: 10.09 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.019 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion: 43 Resp: 151038
Ion Ratio Lower Upper
43 100
72 20.0 21.7 32.5

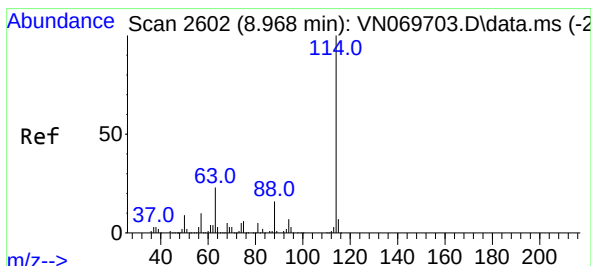
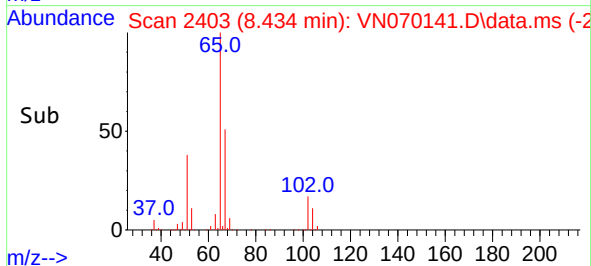
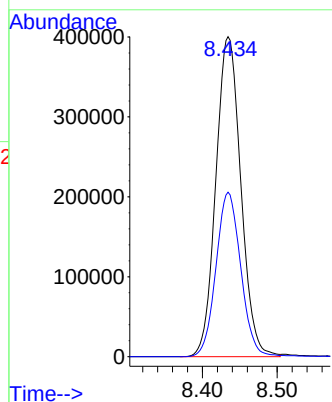
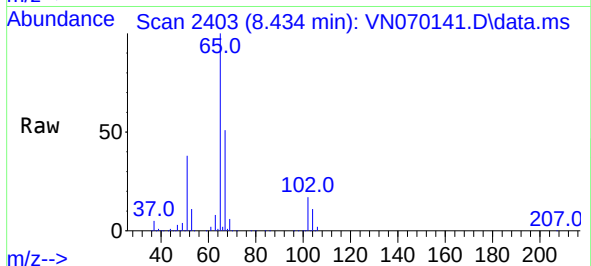




#33
1,2-Dichloroethane-d4
Concen: 50.77 ug/l
RT: 8.434 min Scan# 24
Delta R.T. -0.003 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

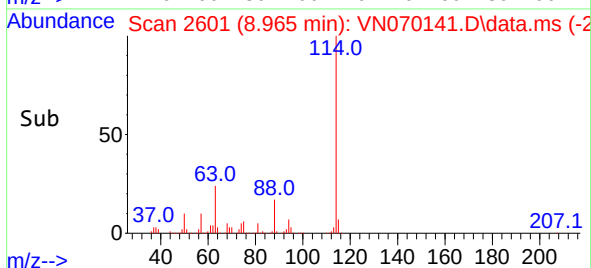
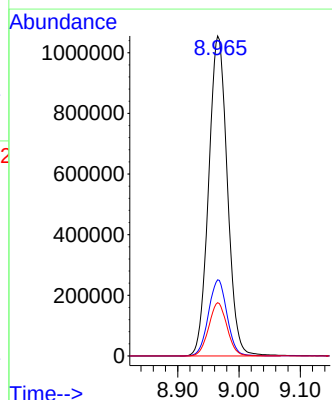
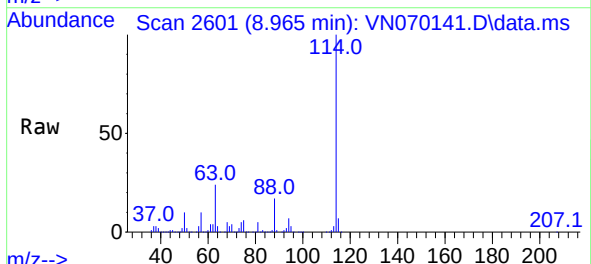
Instrument :
MSVOA_N
ClientSampleId :
HSB-6-(10-10.5)

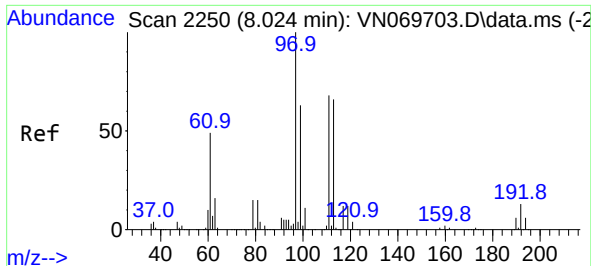
Tgt Ion: 65 Resp: 929703
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion:114 Resp: 2233338
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.6 0.0 27.4

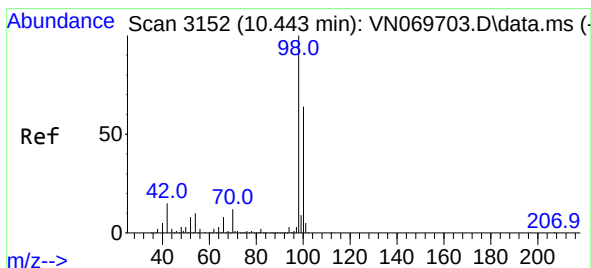
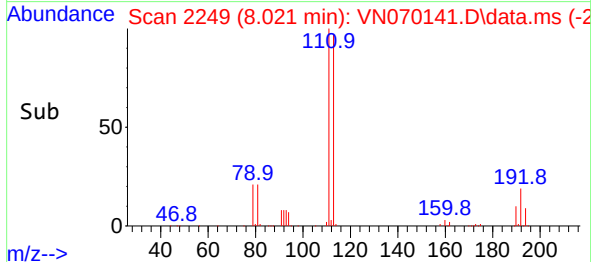
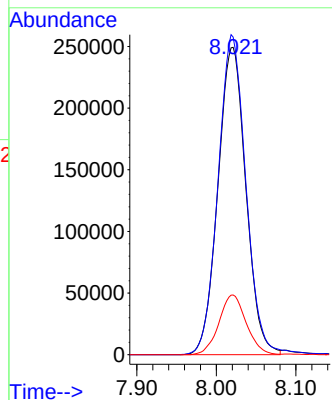
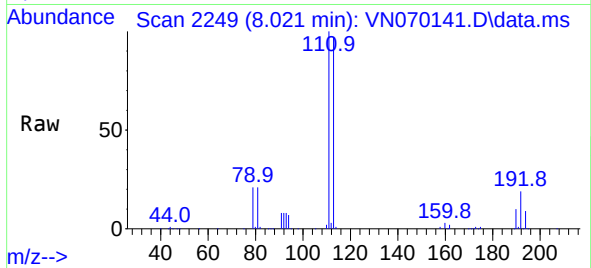




#35
Dibromofluoromethane
Concen: 43.59 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

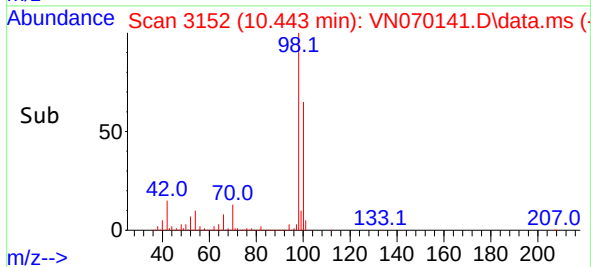
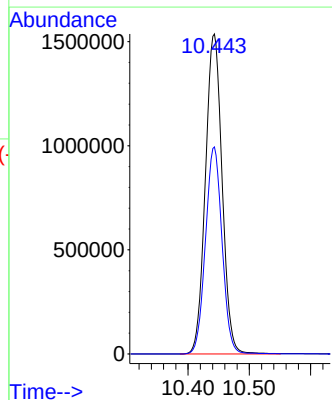
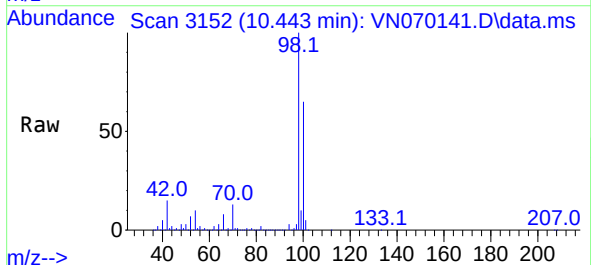
Instrument :
MSVOA_N
ClientSampleId :
HSB-6-(10-10.5)

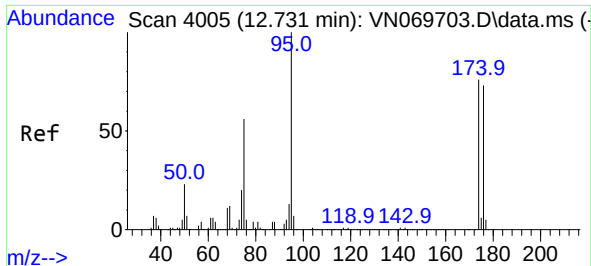
Tgt Ion:113 Resp: 609803
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 51.90 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion: 98 Resp: 2915443
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

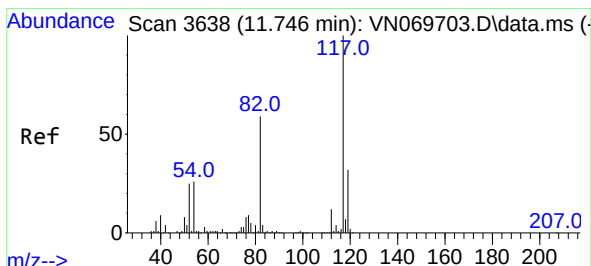
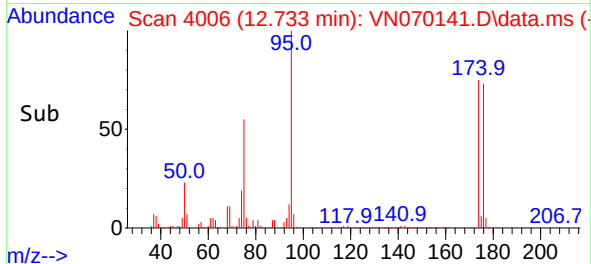
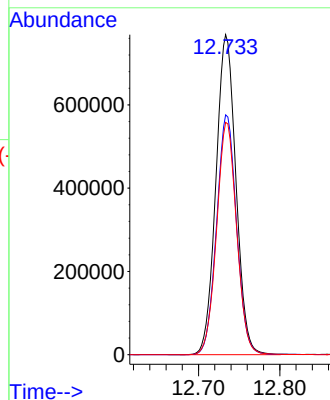
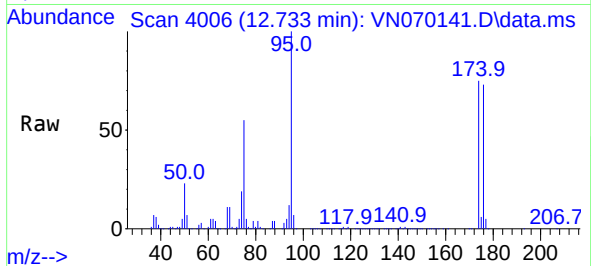




#62
4-Bromofluorobenzene
Concen: 64.58 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

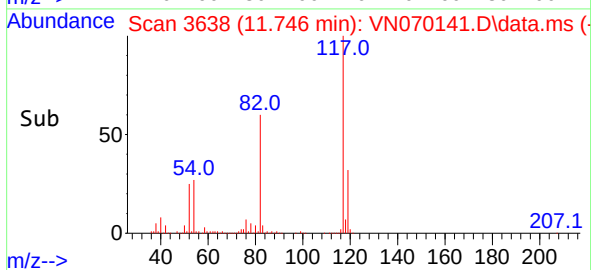
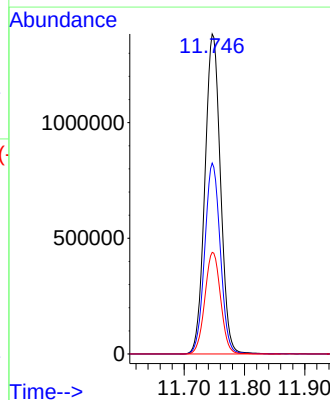
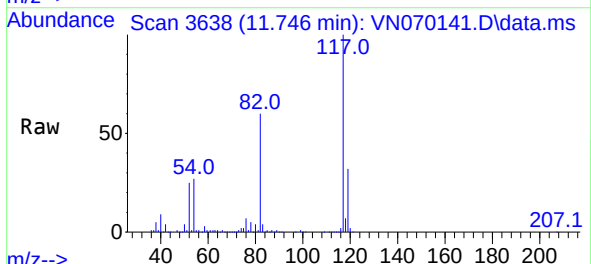
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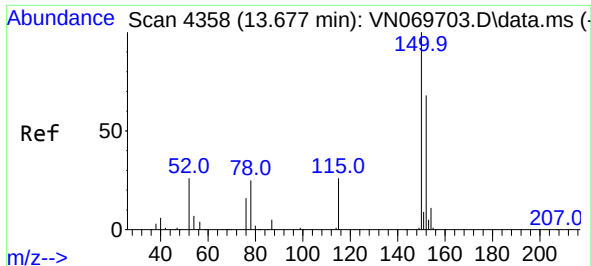
Tgt Ion: 95 Resp: 1314275
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion: 117 Resp: 2482648
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.8 25.4 38.2

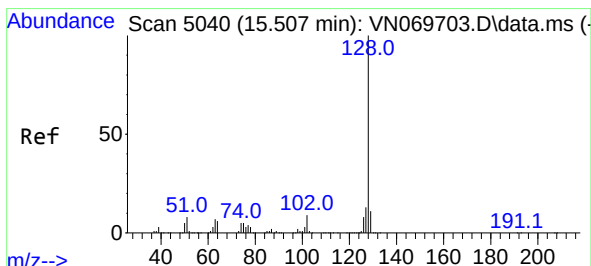
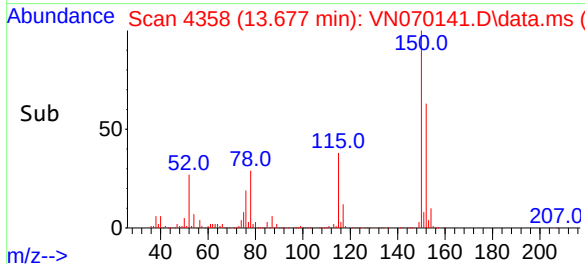
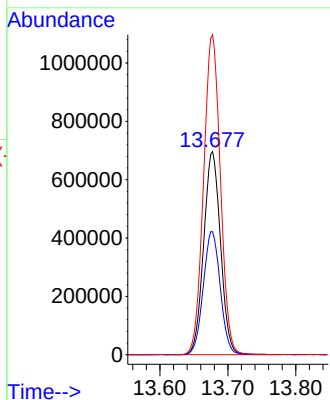
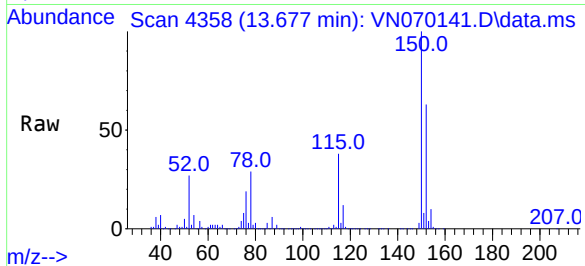




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Instrument :
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Tgt Ion:152 Resp: 1199338
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 157.6 0.0 344.4



#95
Naphthalene
Concen: 4.29 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion:128 Resp: 19698
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.1 8.7 13.1

