

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090221\
 Data File : VN068394.D
 Acq On : 2 Sep 2021 18:44
 Operator : JC/MD
 Sample : M3606-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPU-BFD

Quant Time: Sep 03 01:25:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 02 14:59:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.091	168	391862	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	653674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	644690	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	255846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	231222	57.809	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 115.620%	
35) Dibromofluoromethane	8.027	113	215707	52.047	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.100%	
50) Toluene-d8	10.446	98	804830	51.876	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.760%	
62) 4-Bromofluorobenzene	12.733	95	264338	51.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.840%	

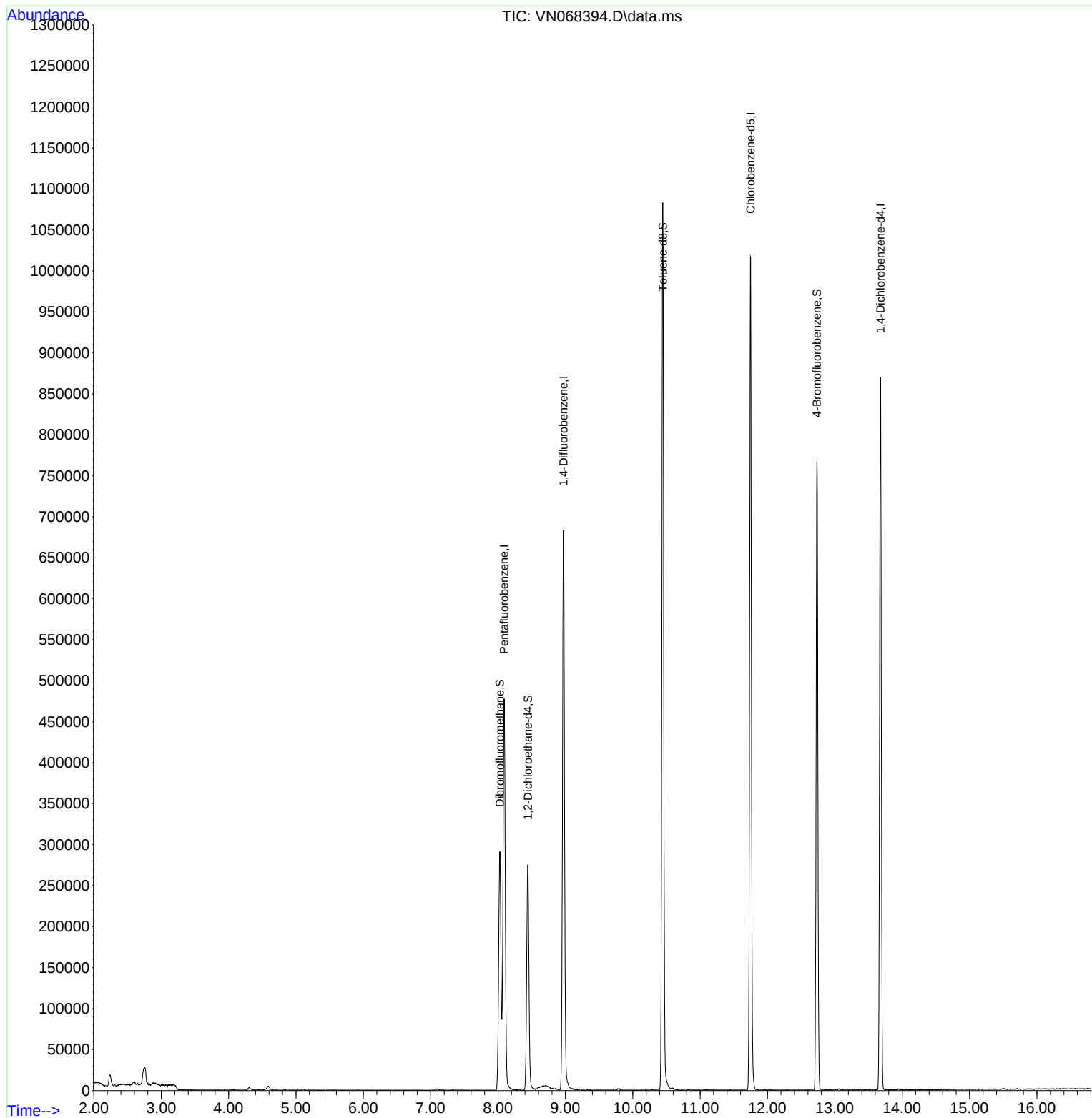
Target Compounds	Qvalue

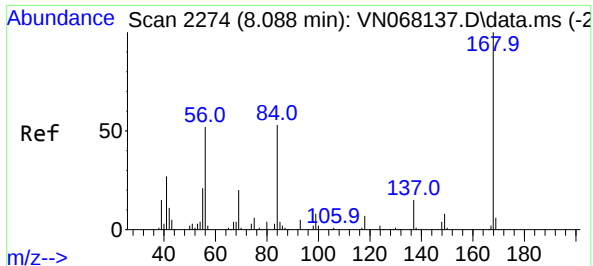
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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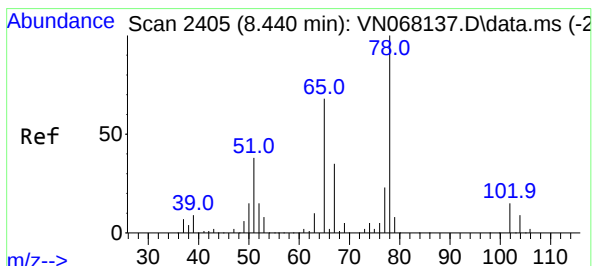
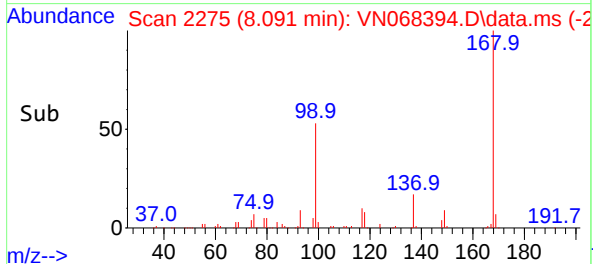
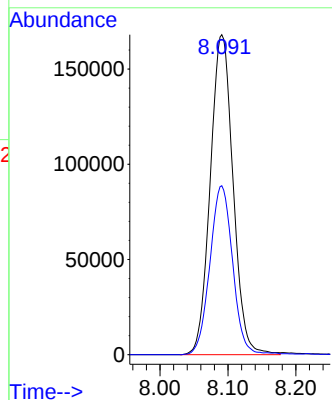
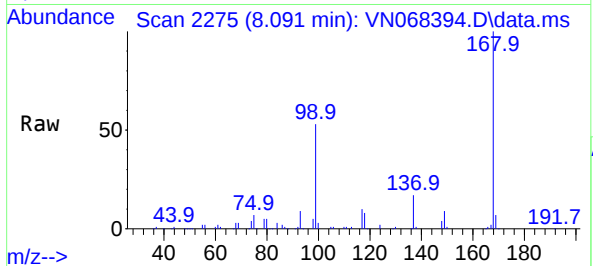




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068394.D
Acq: 2 Sep 2021 18:44

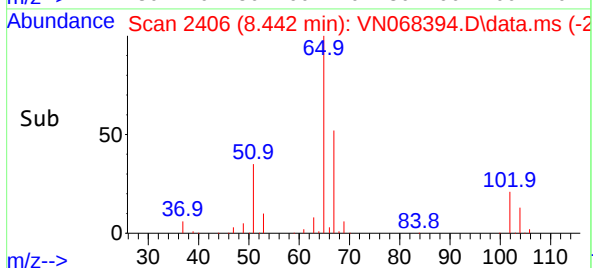
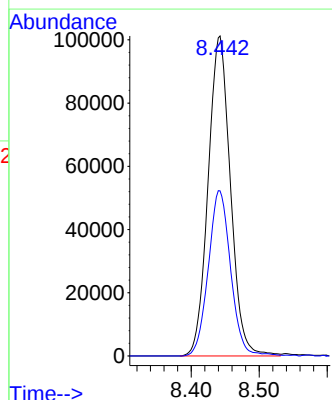
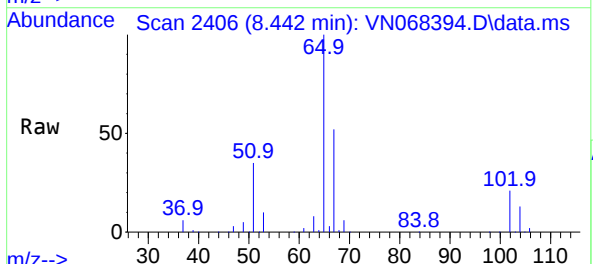
Instrument :
MSVOA_N
ClientSampleId :
BPU-BFD

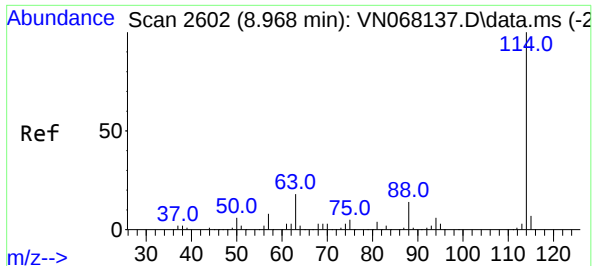
Tgt Ion:168 Resp: 391862
Ion Ratio Lower Upper
168 100
99 52.8 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 57.809 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068394.D
Acq: 2 Sep 2021 18:44

Tgt Ion: 65 Resp: 231222
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.6

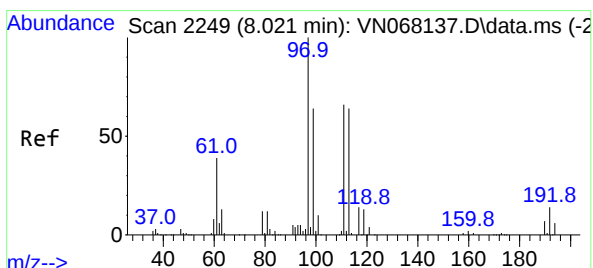
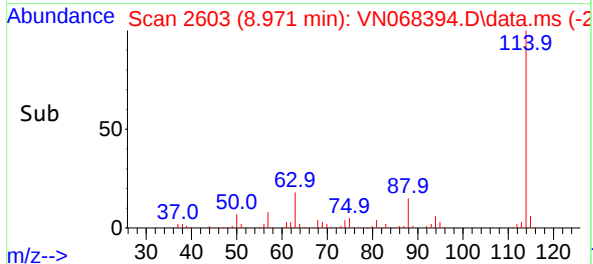
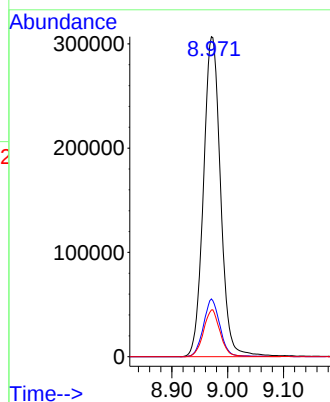
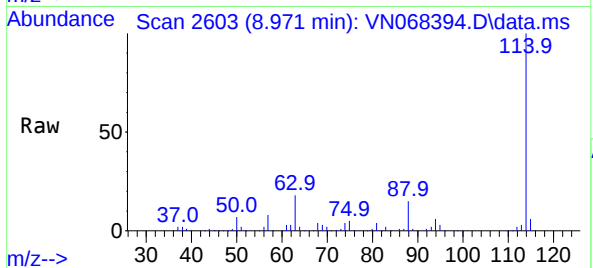




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068394.D
Acq: 2 Sep 2021 18:44

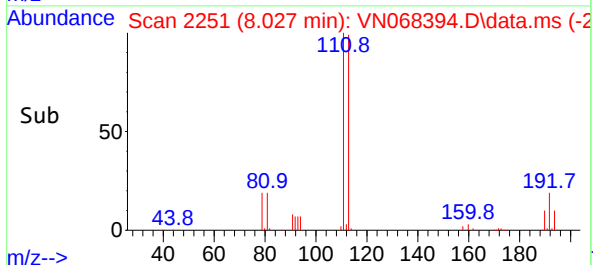
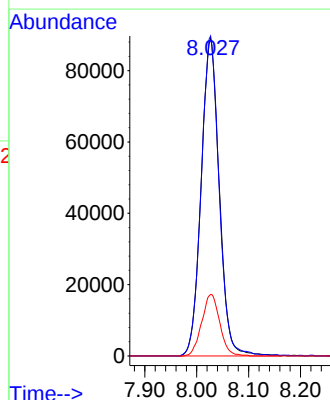
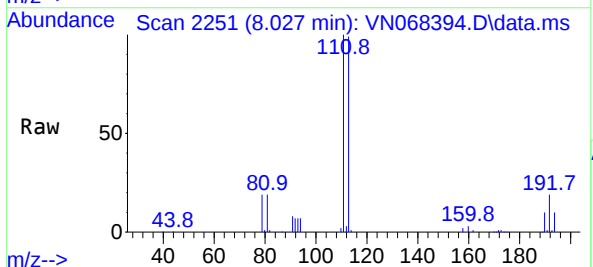
Instrument :
MSVOA_N
ClientSampleId :
BPU-BFD

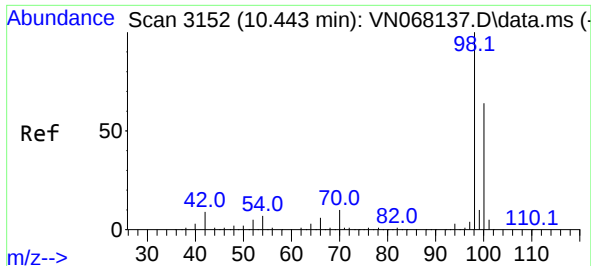
Tgt Ion:114 Resp: 653674
Ion Ratio Lower Upper
114 100
63 18.0 0.0 49.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.047 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VN068394.D
Acq: 2 Sep 2021 18:44

Tgt Ion:113 Resp: 215707
Ion Ratio Lower Upper
113 100
111 99.6 83.8 125.8
192 19.4 13.4 20.0

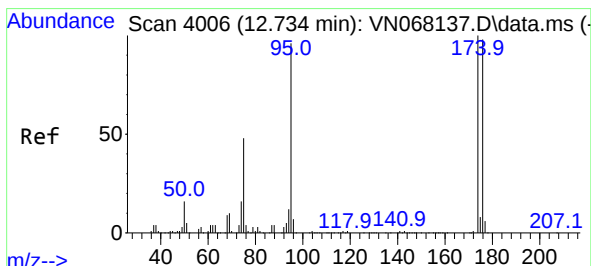
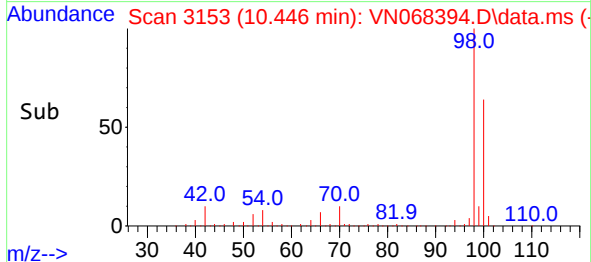
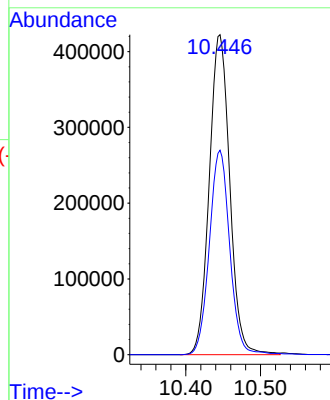
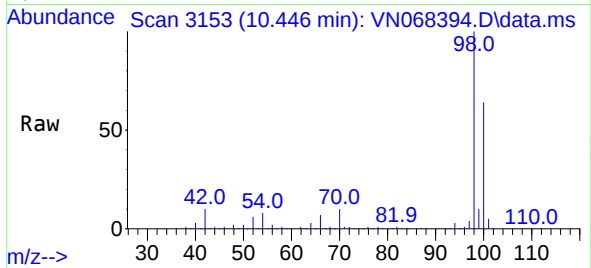




#50
Toluene-d8
Concen: 51.876 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068394.D
Acq: 2 Sep 2021 18:44

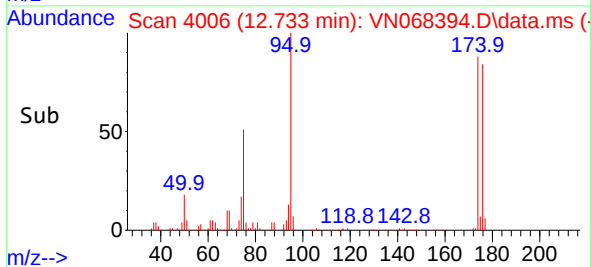
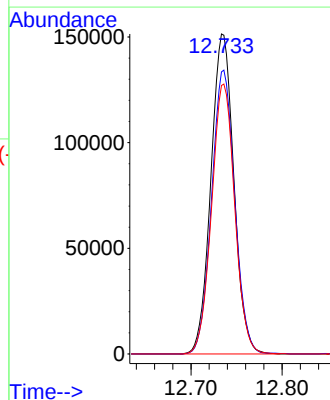
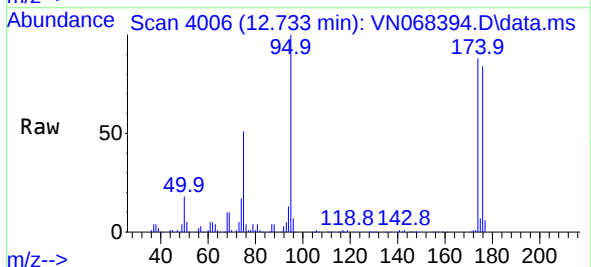
Instrument :
MSVOA_N
ClientSampled :
BPU-BFD

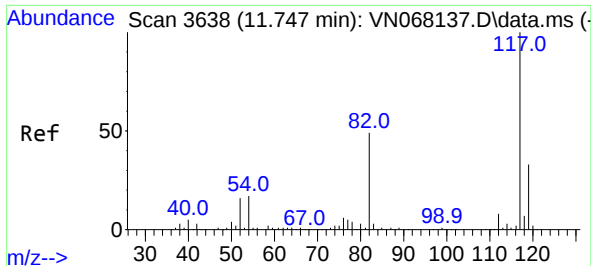
Tgt Ion: 98 Resp: 804830
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.918 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068394.D
Acq: 2 Sep 2021 18:44

Tgt Ion: 95 Resp: 264338
Ion Ratio Lower Upper
95 100
174 89.7 0.0 122.0
176 85.2 0.0 117.6

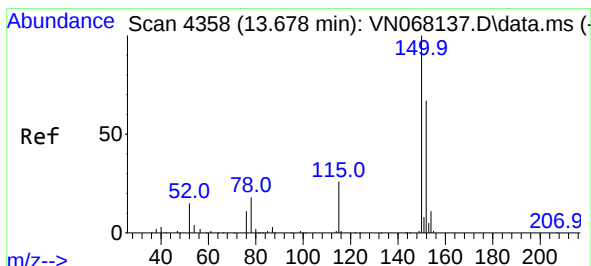
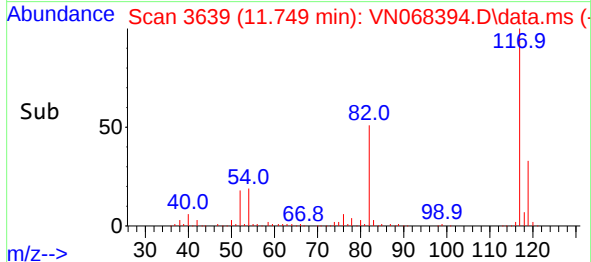
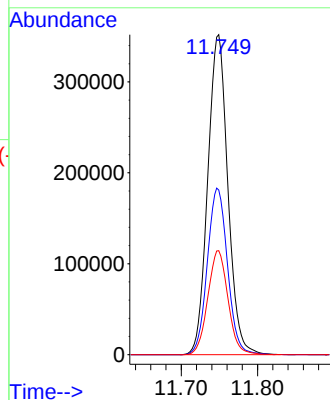
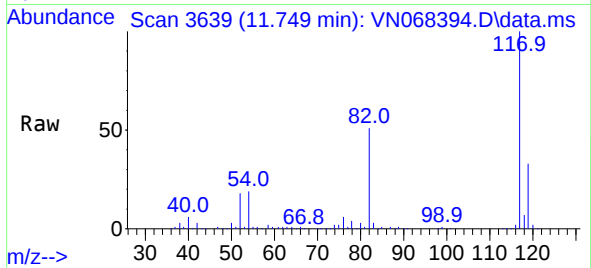




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068394.D
Acq: 2 Sep 2021 18:44

Instrument :
MSVOA_N
ClientSampleId :
BPU-BFD

Tgt Ion:117 Resp: 644690
Ion Ratio Lower Upper
117 100
82 51.5 53.1 79.7#
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068394.D
Acq: 2 Sep 2021 18:44

Tgt Ion:152 Resp: 255846
Ion Ratio Lower Upper
152 100
115 56.3 36.1 108.5
150 158.0 0.0 351.8

