

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068213.D
 Acq On : 19 Aug 2021 13:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 19 14:23:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	414776	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	684569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	658287	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	243243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	233136	52.642	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.280%	
35) Dibromofluoromethane	8.024	113	213107	49.584	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.160%	
50) Toluene-d8	10.446	98	822941	50.251	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.736	95	250234	45.900	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.800%	

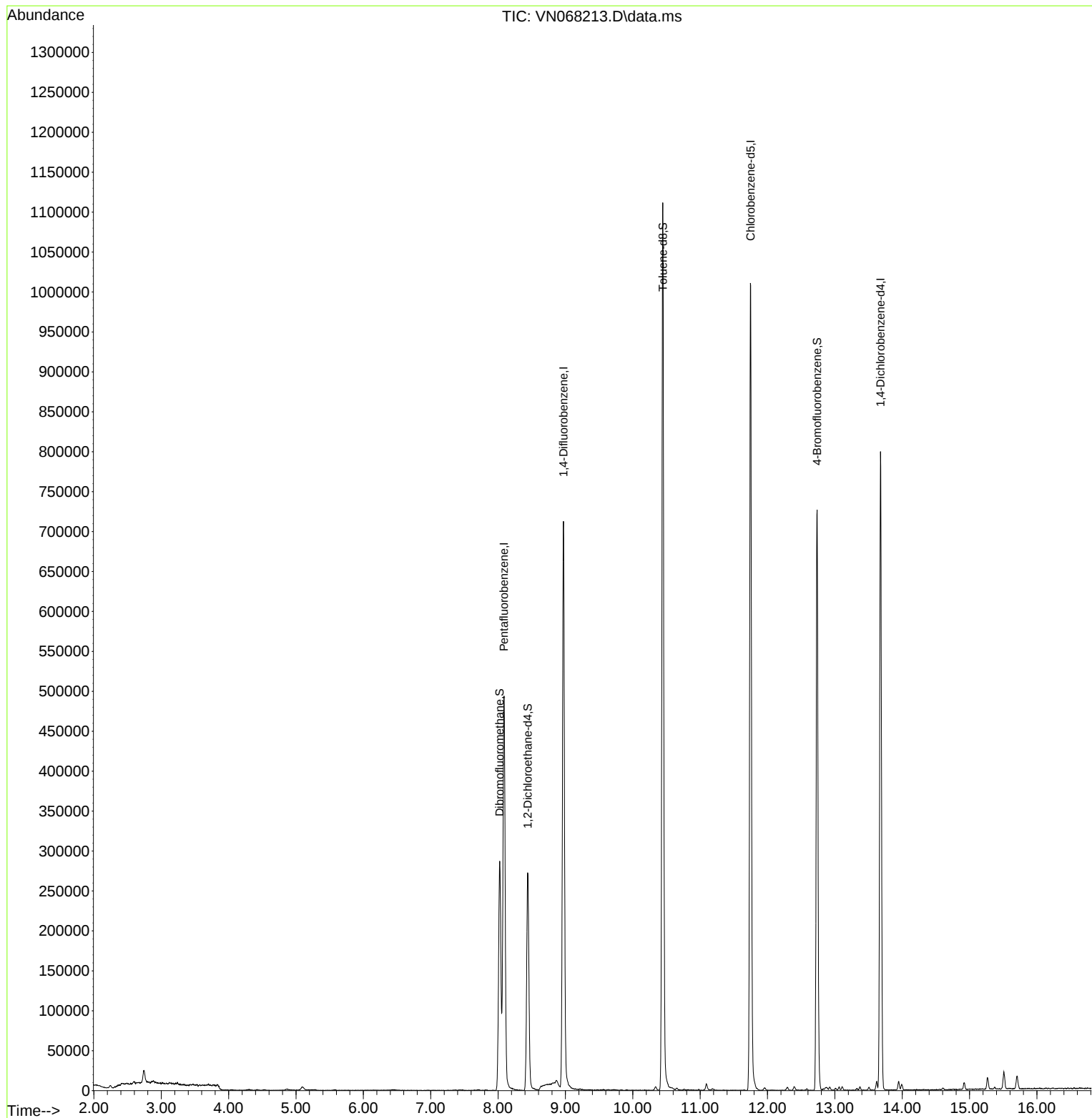
Target Compounds	Qvalue

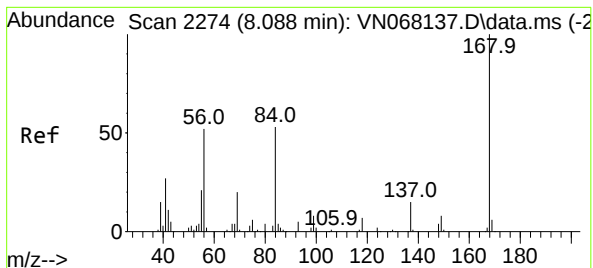
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN068213.D

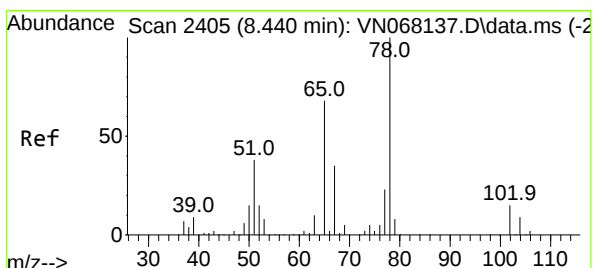
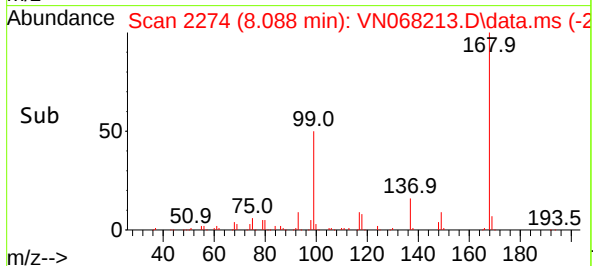
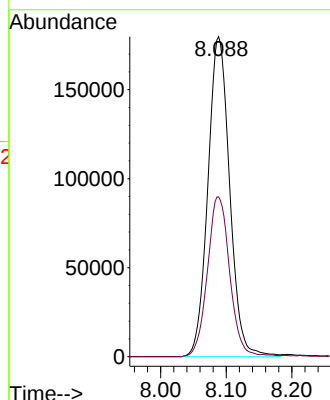
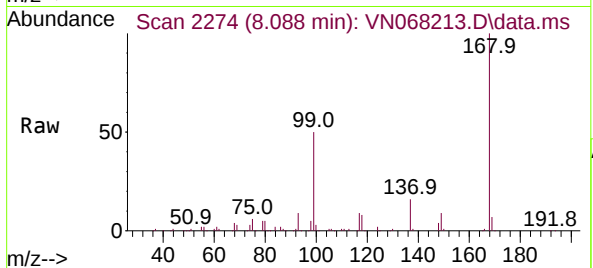
Acq: 19 Aug 2021 13:45

Tgt Ion:168 Resp: 414776

Ion Ratio Lower Upper

168 100

99 50.0 62.9 94.3#



#33

1,2-Dichloroethane-d4

Concen: 52.642 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN068213.D

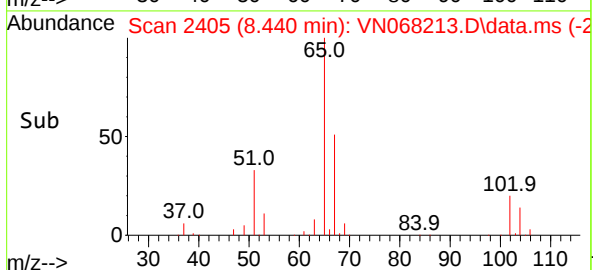
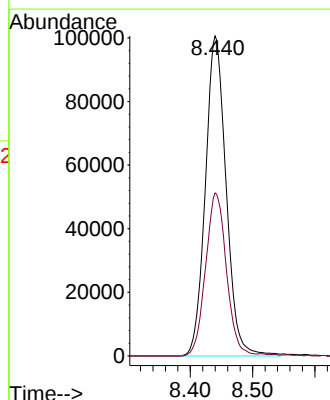
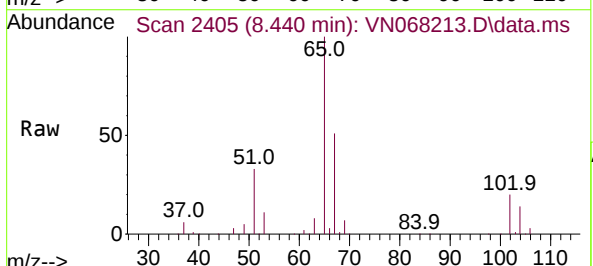
Acq: 19 Aug 2021 13:45

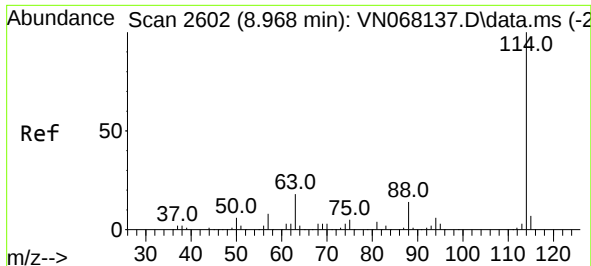
Tgt Ion: 65 Resp: 233136

Ion Ratio Lower Upper

65 100

67 51.1 0.0 98.6

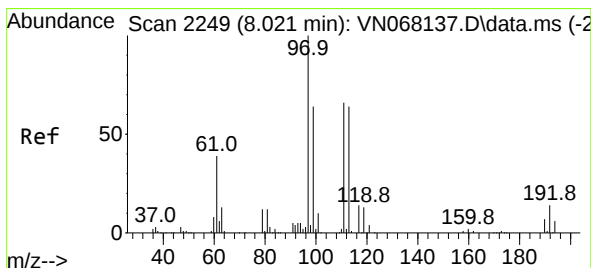
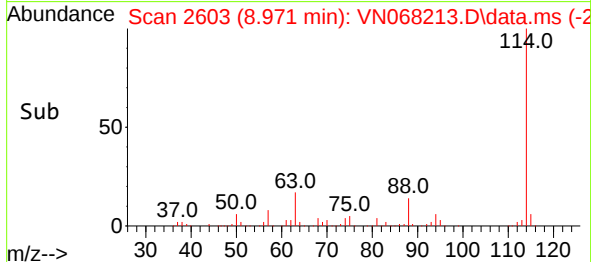
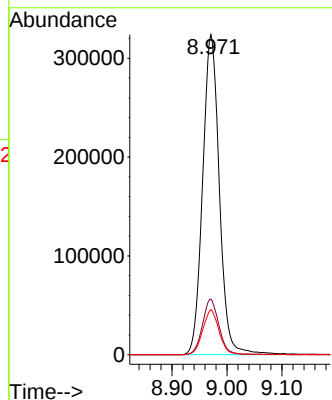
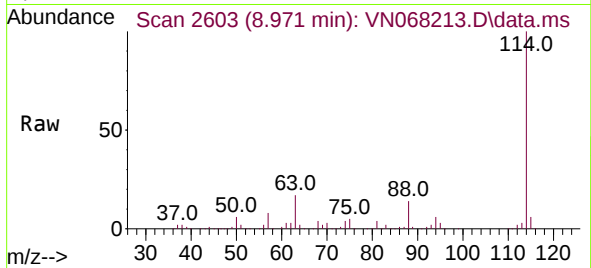




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068213.D
Acq: 19 Aug 2021 13:45

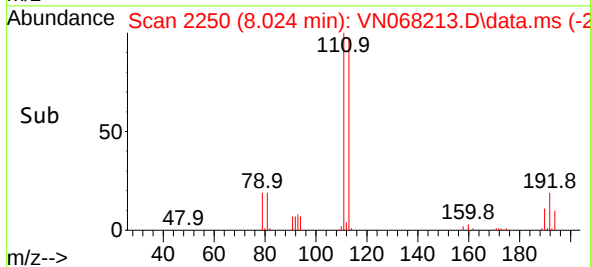
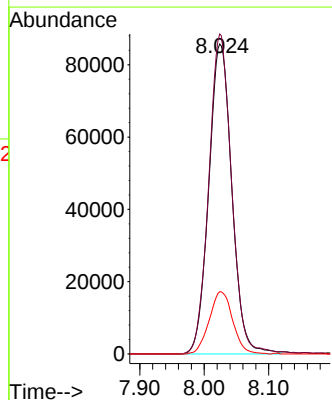
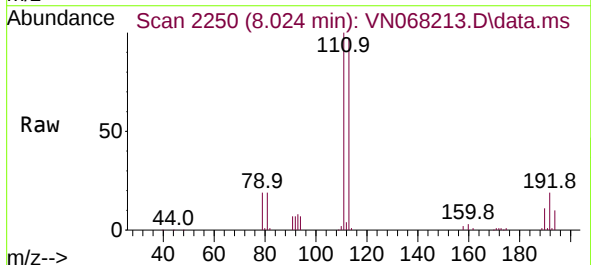
Instrument :
MSVOA_N
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IBLK

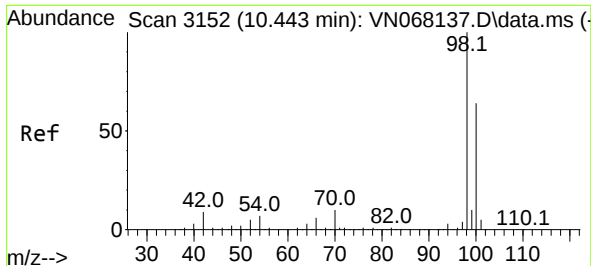
Tgt Ion:114 Resp: 684569
Ion Ratio Lower Upper
114 100
63 17.4 0.0 49.0
88 14.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.584 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068213.D
Acq: 19 Aug 2021 13:45

Tgt Ion:113 Resp: 213107
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 20.5 13.4 20.0#

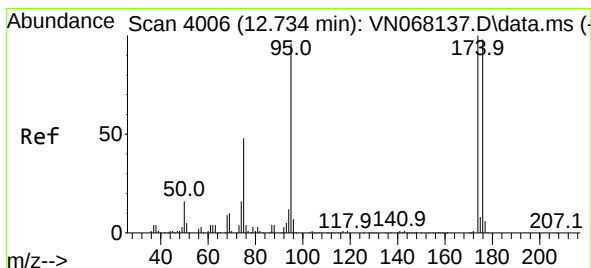
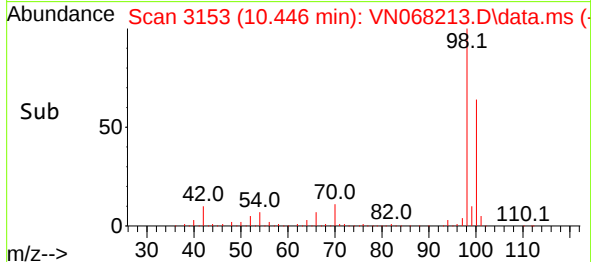
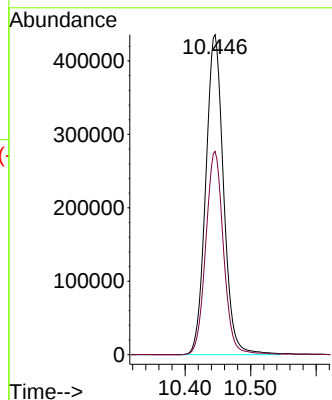
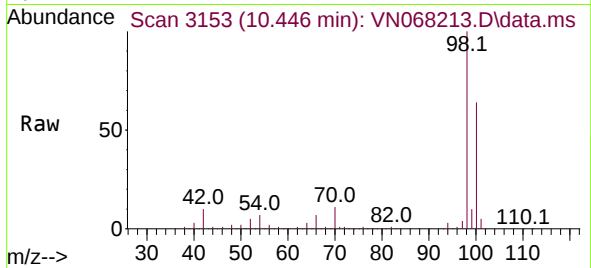




#50
Toluene-d8
Concen: 50.251 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068213.D
Acq: 19 Aug 2021 13:45

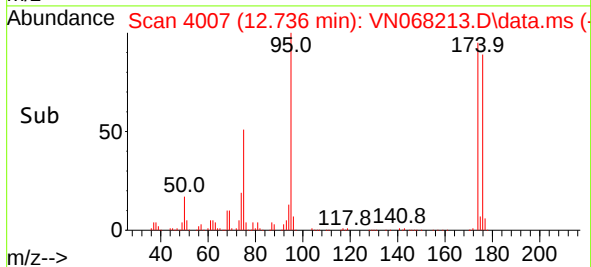
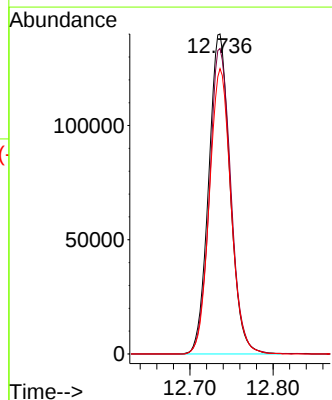
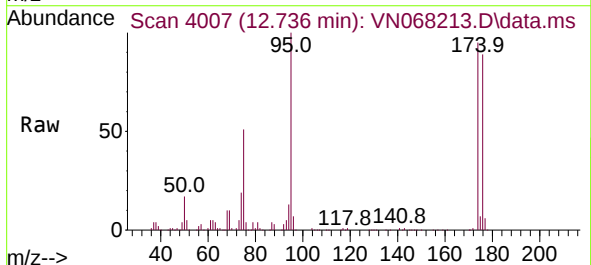
Instrument :
MSVOA_N
ClientSampleId :
IBLK

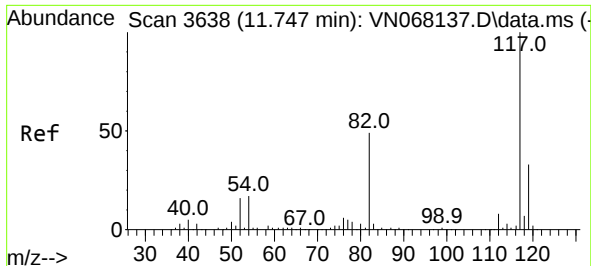
Tgt Ion: 98 Resp: 822941
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.900 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068213.D
Acq: 19 Aug 2021 13:45

Tgt Ion: 95 Resp: 250234
Ion Ratio Lower Upper
95 100
174 95.9 0.0 122.0
176 89.9 0.0 117.6

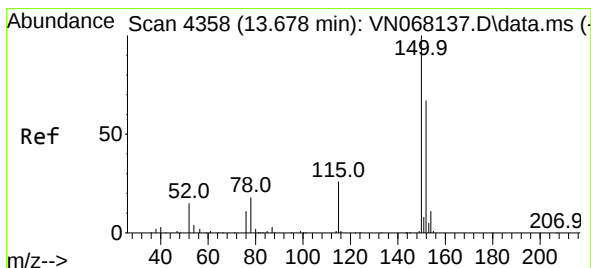
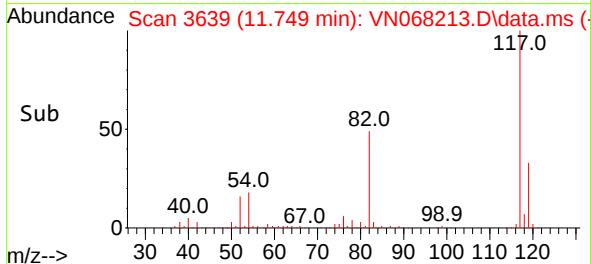
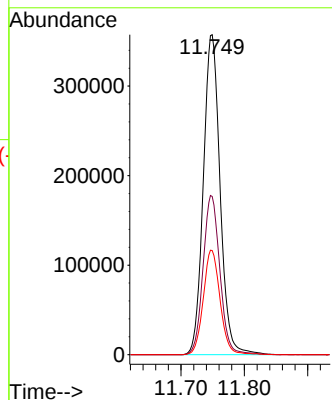
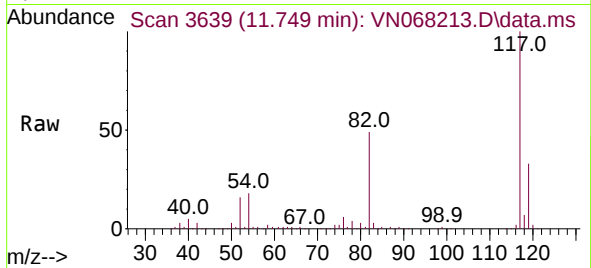




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068213.D
Acq: 19 Aug 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 658287
Ion Ratio Lower Upper
117 100
82 49.5 53.1 79.7#
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068213.D
Acq: 19 Aug 2021 13:45

Tgt Ion:152 Resp: 243243
Ion Ratio Lower Upper
152 100
115 55.5 36.1 108.5
150 157.8 0.0 351.8

