

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082990.D
 Acq On : 19 Jul 2024 15:46
 Operator : JC\MD
 Sample : P3307-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240716RE

Quant Time: Jul 22 02:06:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	67994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	127288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	111196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	44824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	55479	58.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.420%	
35) Dibromofluoromethane	8.165	113	42702	52.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.560%	
50) Toluene-d8	10.571	98	141563	46.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.860%	
62) 4-Bromofluorobenzene	12.853	95	40896	37.739	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 75.480%	

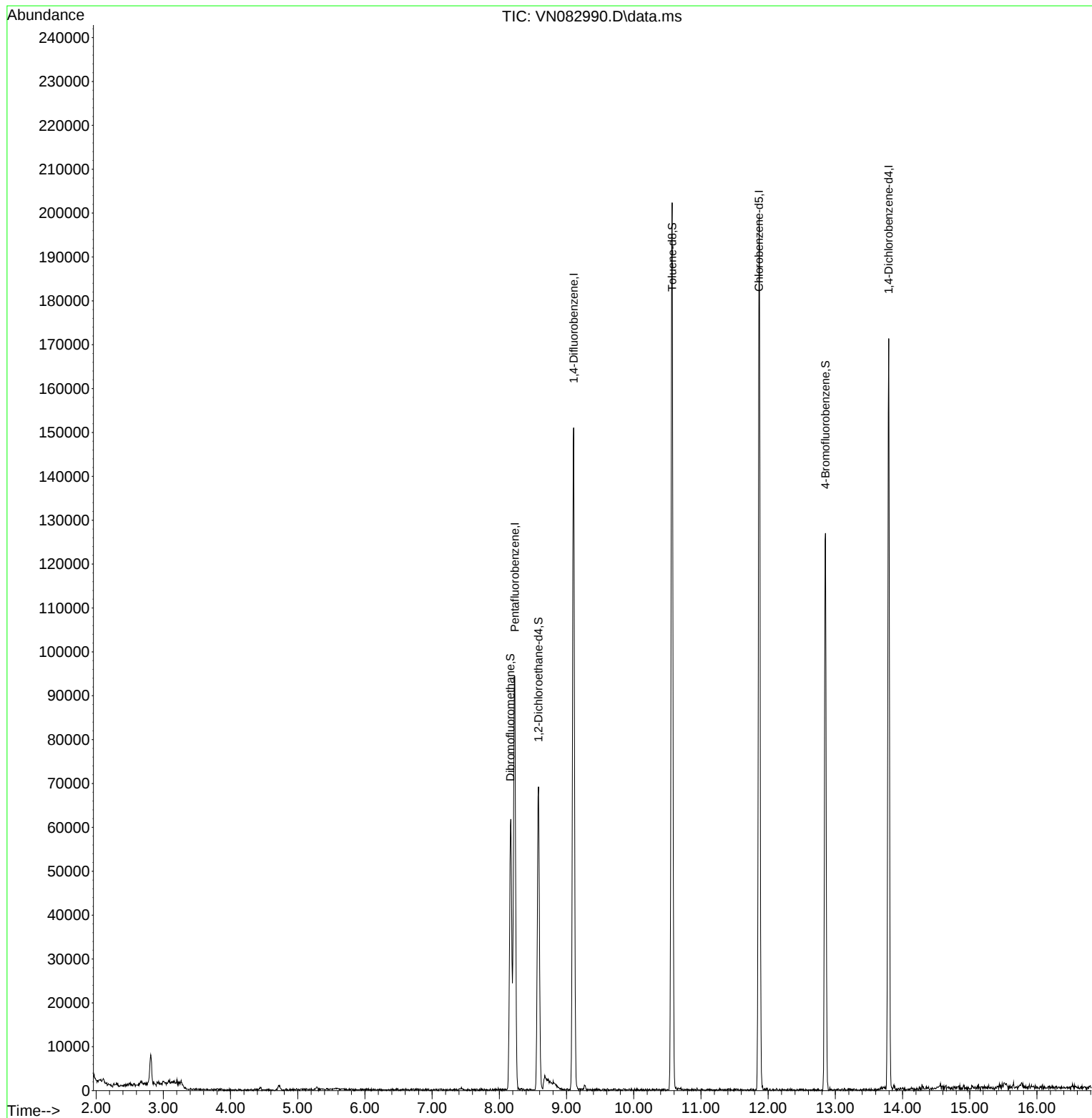
Target Compounds	Qvalue

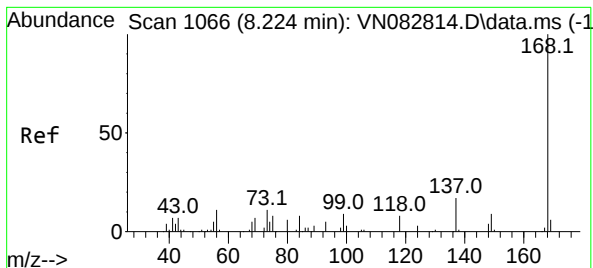
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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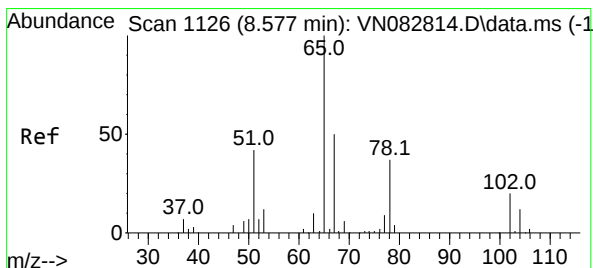
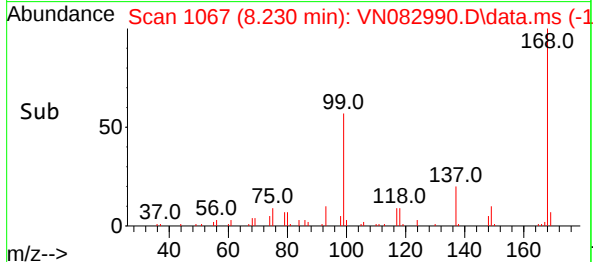
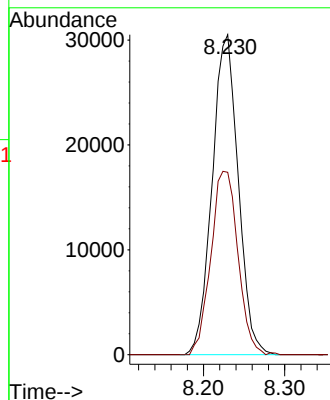
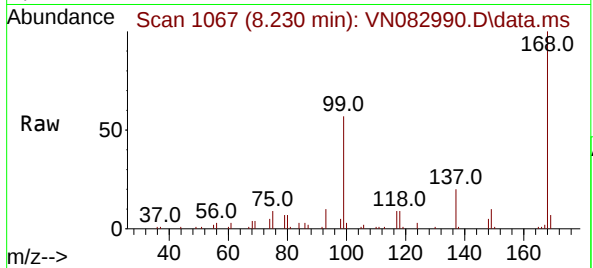




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

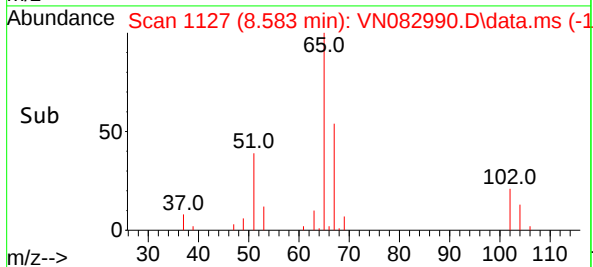
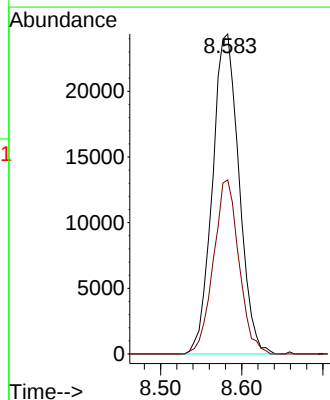
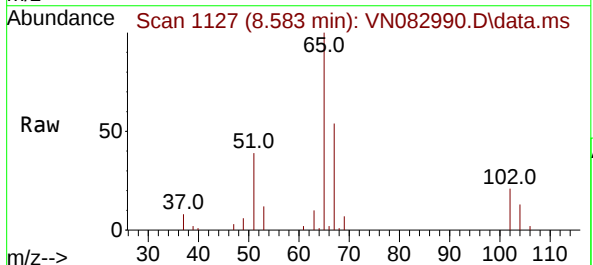
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716RE

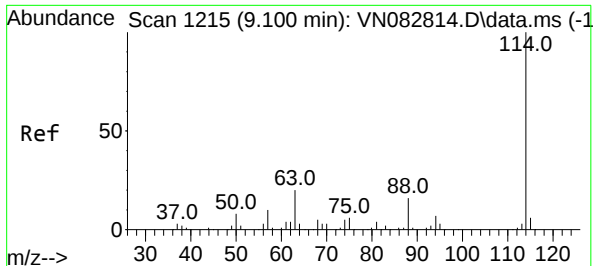
Tgt Ion:168 Resp: 67994
Ion Ratio Lower Upper
168 100
99 57.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.207 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

Tgt Ion: 65 Resp: 55479
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082990.D

Acq: 19 Jul 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240716RE

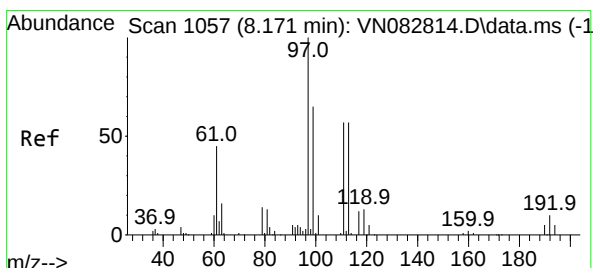
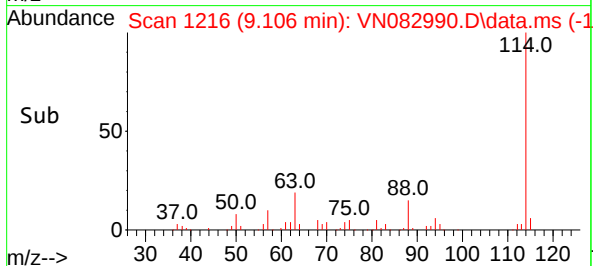
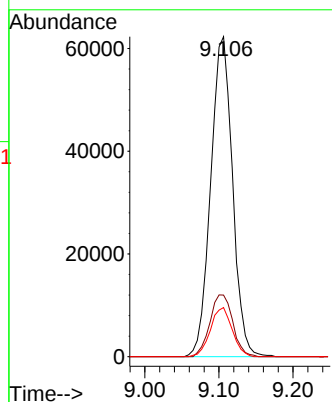
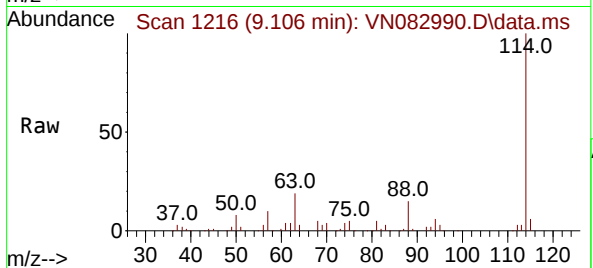
Tgt Ion:114 Resp: 127288

Ion Ratio Lower Upper

114 100

63 19.2 0.0 44.6

88 15.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.281 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082990.D

Acq: 19 Jul 2024 15:46

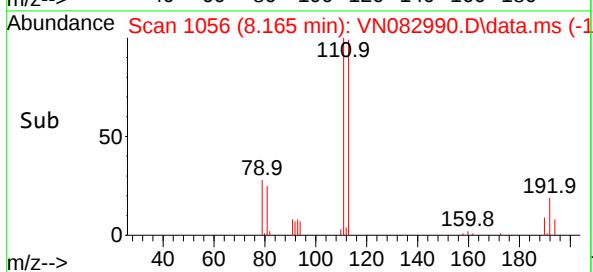
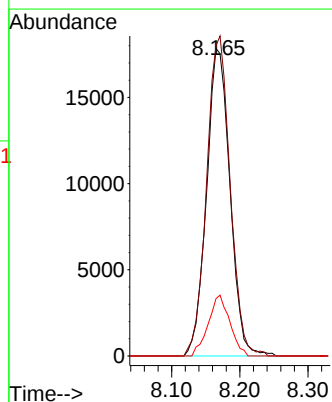
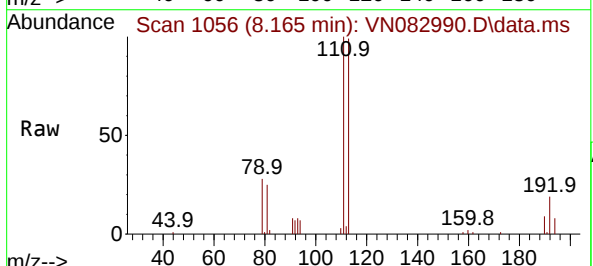
Tgt Ion:113 Resp: 42702

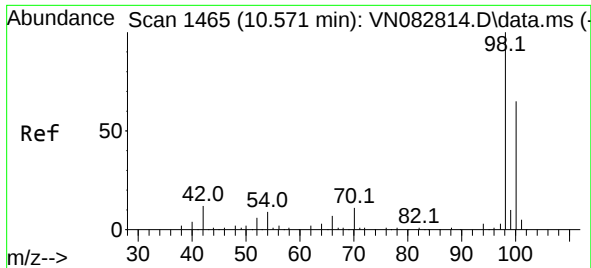
Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

192 18.2 14.9 22.3

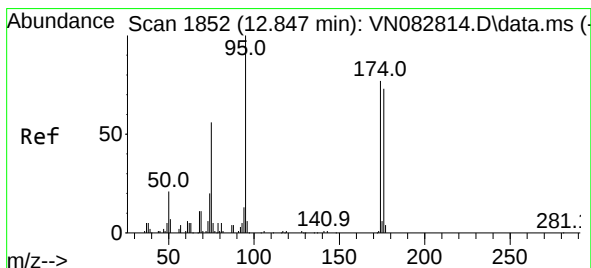
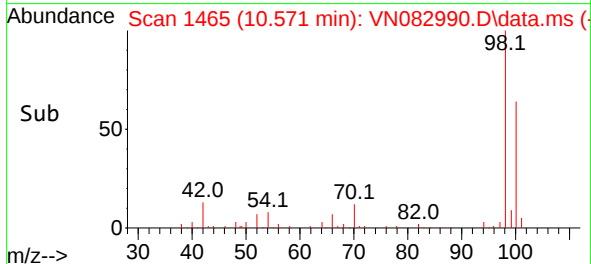
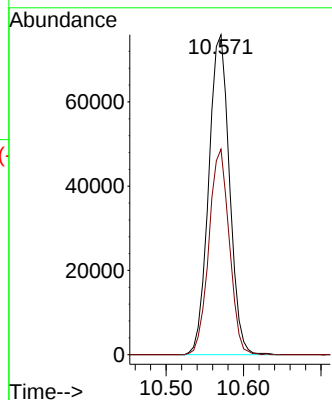
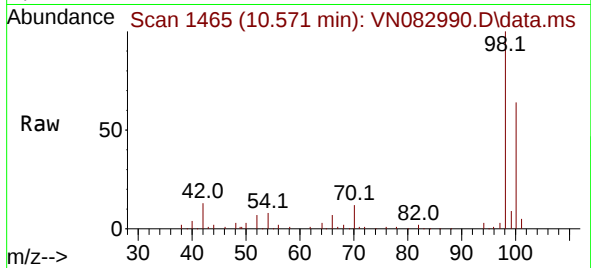




#50
Toluene-d8
Concen: 46.926 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

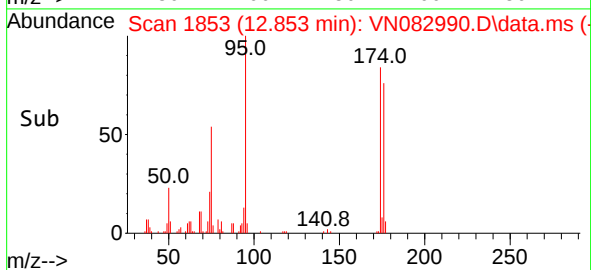
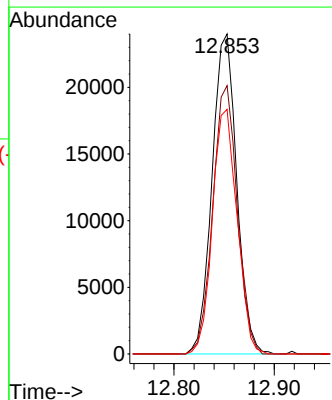
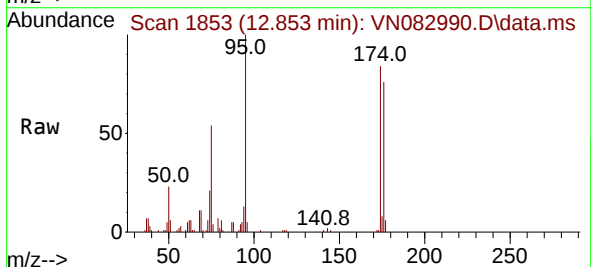
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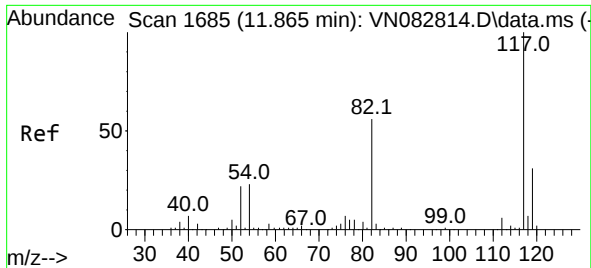
Tgt Ion: 98 Resp: 141563
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 37.739 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

Tgt Ion: 95 Resp: 40896
Ion Ratio Lower Upper
95 100
174 83.7 0.0 159.2
176 76.5 0.0 147.6

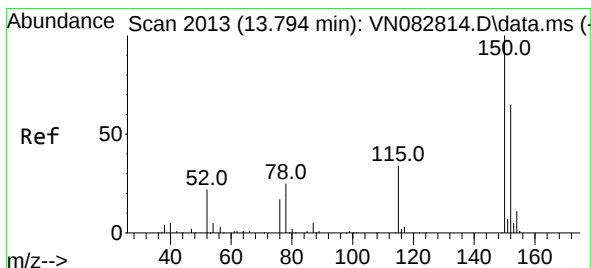
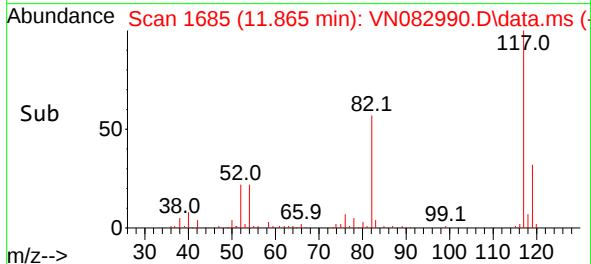
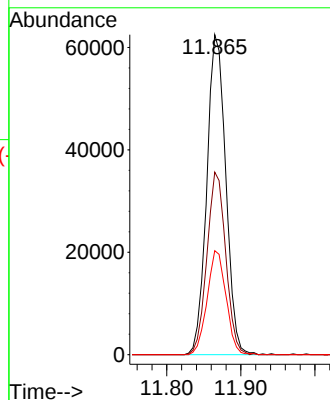
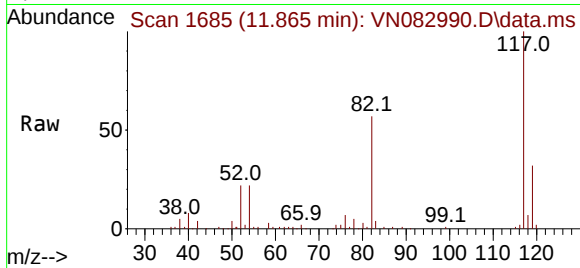




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 111196
Delta R.T. -0.005 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716RE

Tgt Ion:	117	Resp:	111196
Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.5	71.3
119	32.5	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

Tgt Ion:	152	Resp:	44824
Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.6	91.6
150	152.6	0.0	348.6

