

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078221.D
 Acq On : 15 Jun 2023 12:08
 Operator : JC\MD
 Sample : VN0615MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615MBL01

Quant Time: Jun 16 06:03:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	426136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	774983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	693983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	305666	53.798	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.600%
35) Dibromofluoromethane	8.171	113	272577	55.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.260%
50) Toluene-d8	10.571	98	930968	49.282	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.853	95	284282	48.408	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.820%

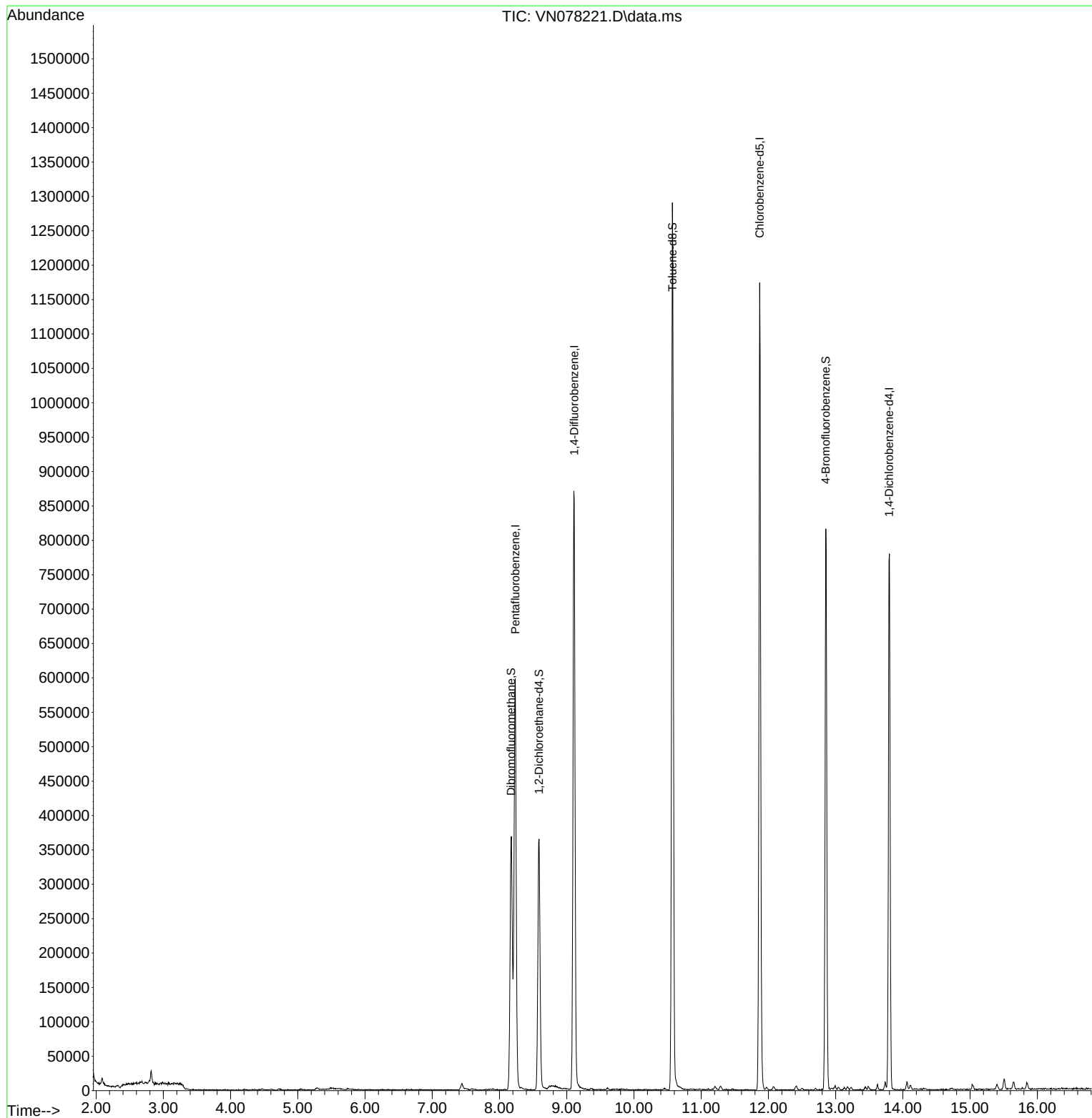
Target Compounds	Qvalue

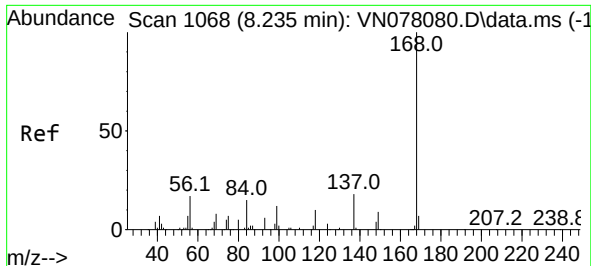
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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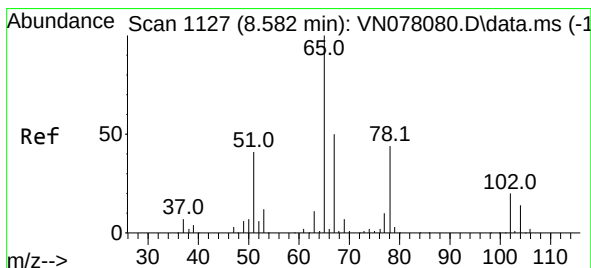
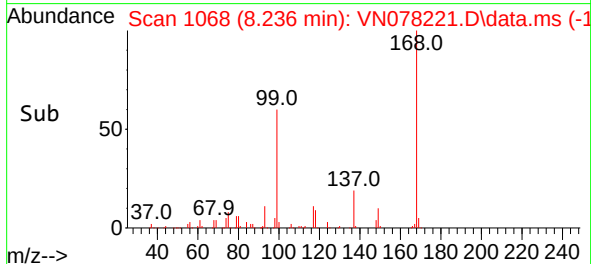
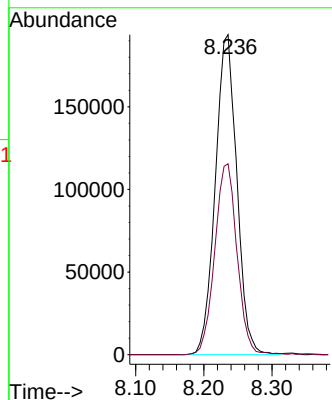
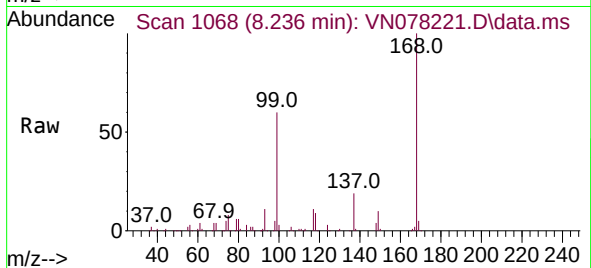




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1128
Delta R.T. 0.001 min
Lab File: VN078221.D
Acq: 15 Jun 2023 12:08

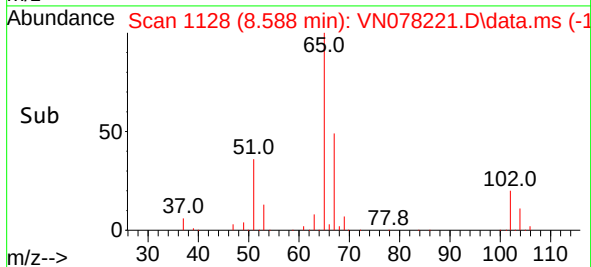
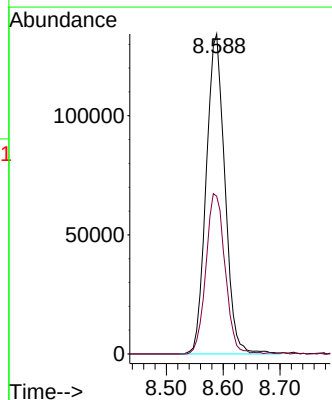
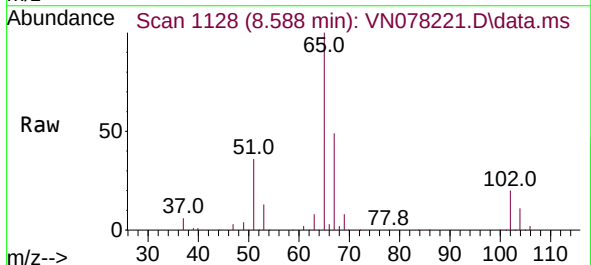
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBL01

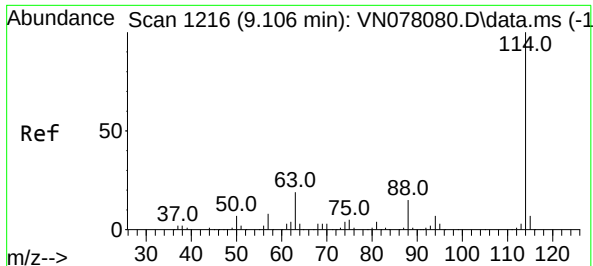
Tgt Ion:168 Resp: 426136
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.798 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078221.D
Acq: 15 Jun 2023 12:08

Tgt Ion: 65 Resp: 305666
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078221.D

Acq: 15 Jun 2023 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0615MBL01

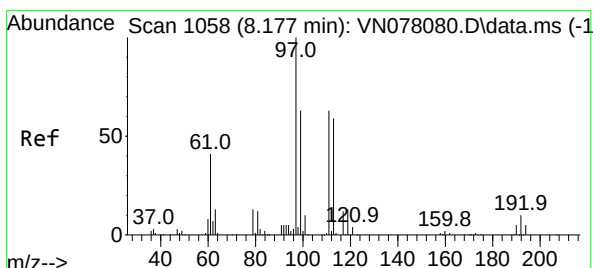
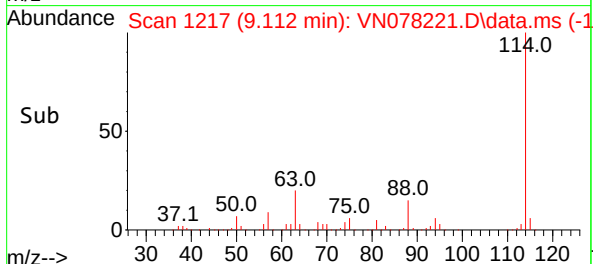
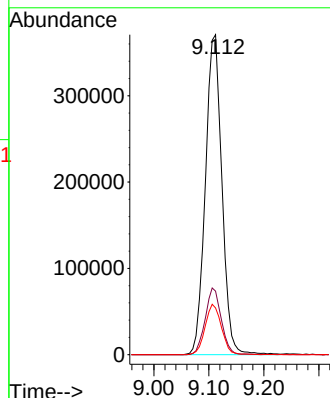
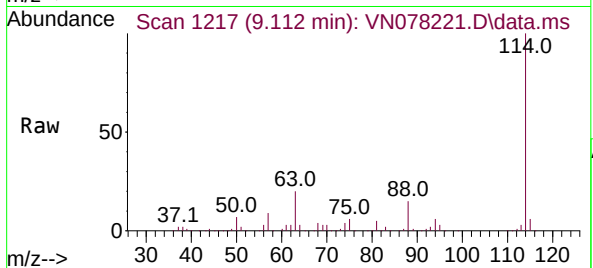
Tgt Ion:114 Resp: 774983

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.627 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078221.D

Acq: 15 Jun 2023 12:08

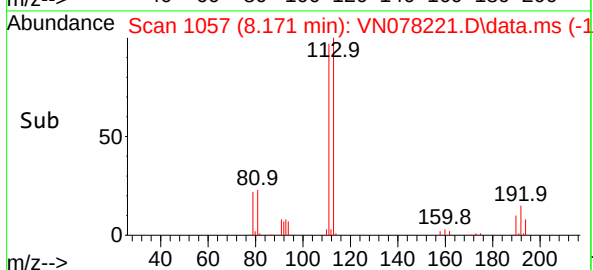
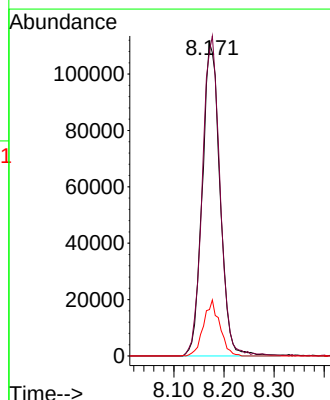
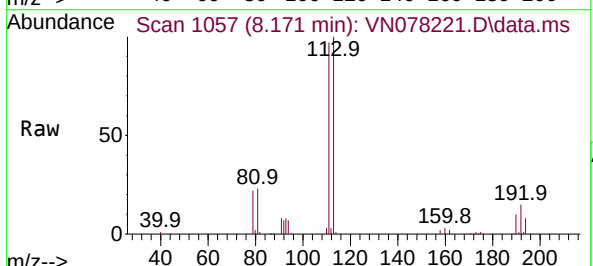
Tgt Ion:113 Resp: 272577

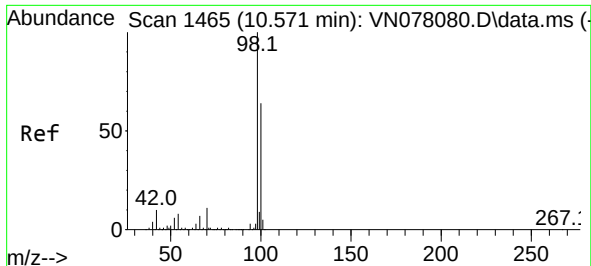
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 16.4 12.7 19.1

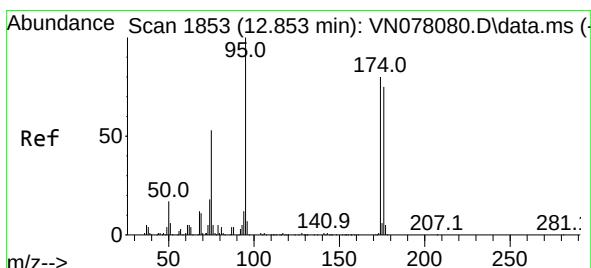
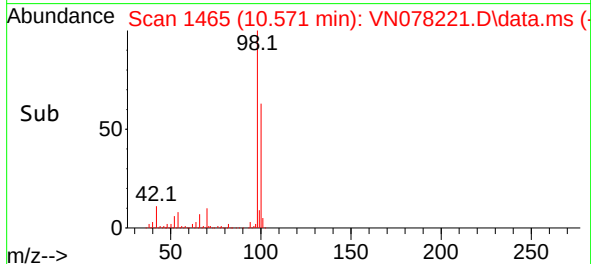
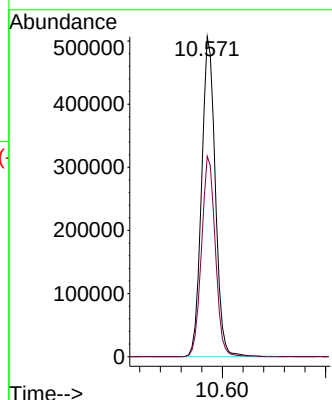
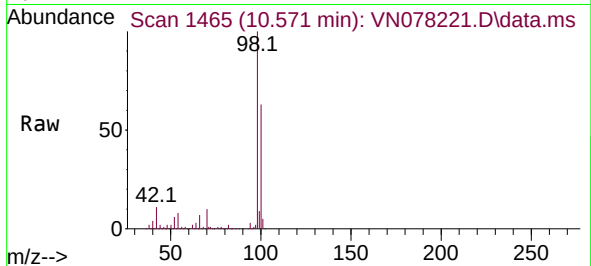




#50
Toluene-d8
Concen: 49.282 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078221.D
Acq: 15 Jun 2023 12:08

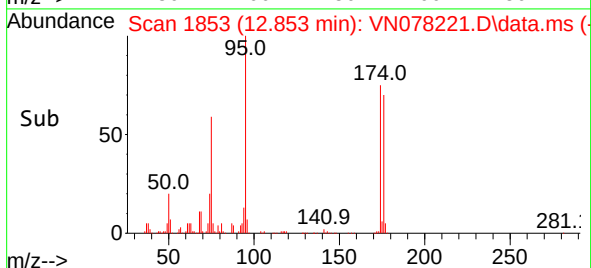
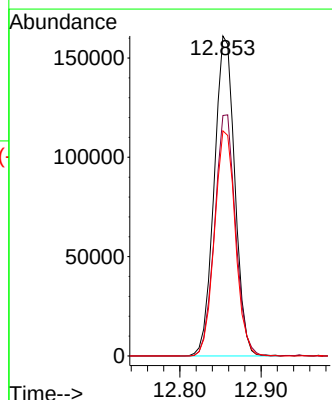
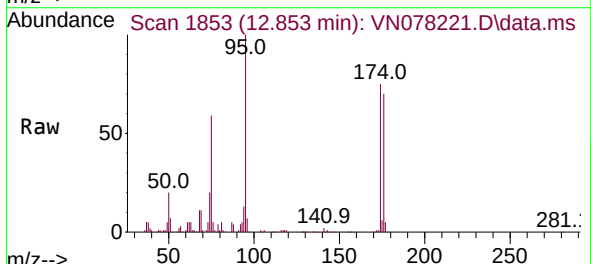
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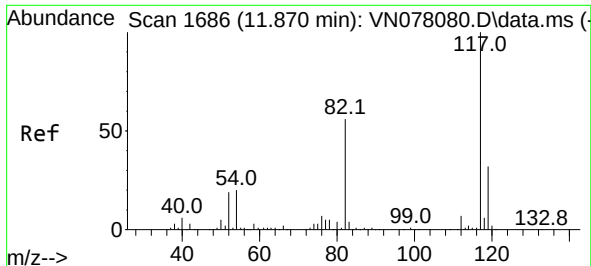
Tgt Ion: 98 Resp: 930968
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.408 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078221.D
Acq: 15 Jun 2023 12:08

Tgt Ion: 95 Resp: 284282
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 71.2 0.0 135.8

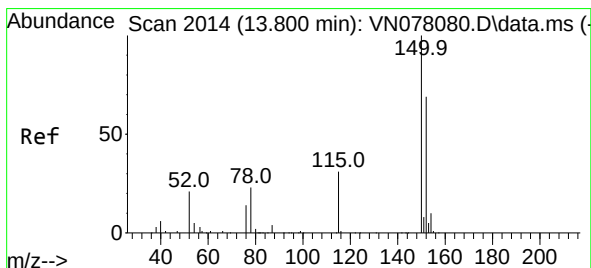
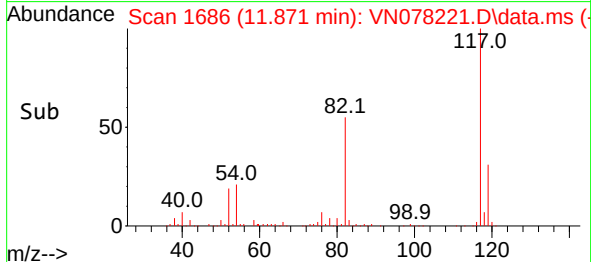
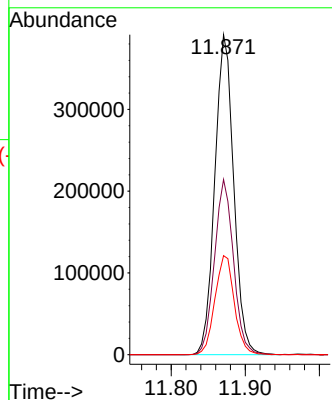
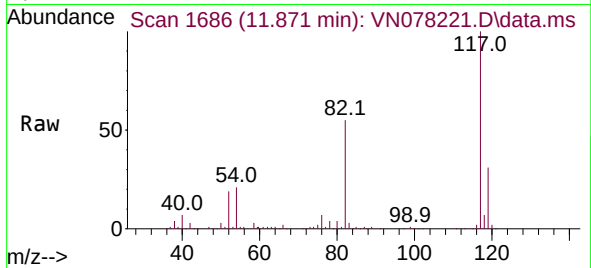




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078221.D
Acq: 15 Jun 2023 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0615MBL01

Tgt Ion:117 Resp: 693983
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078221.D
Acq: 15 Jun 2023 12:08

Tgt Ion:152 Resp: 216856
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 156.9 0.0 355.8

