

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081128.D
 Acq On : 22 Feb 2024 12:25
 Operator : JC\MD
 Sample : P1549-03
 Misc : 1.15g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 336

Quant Time: Feb 23 04:21:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	431635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	768322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	615099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	278379	52.617	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.240%
35) Dibromofluoromethane	8.165	113	221309	50.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.880%
50) Toluene-d8	10.565	98	876223	56.783	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	113.560%#
62) 4-Bromofluorobenzene	12.853	95	266045	45.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.760%

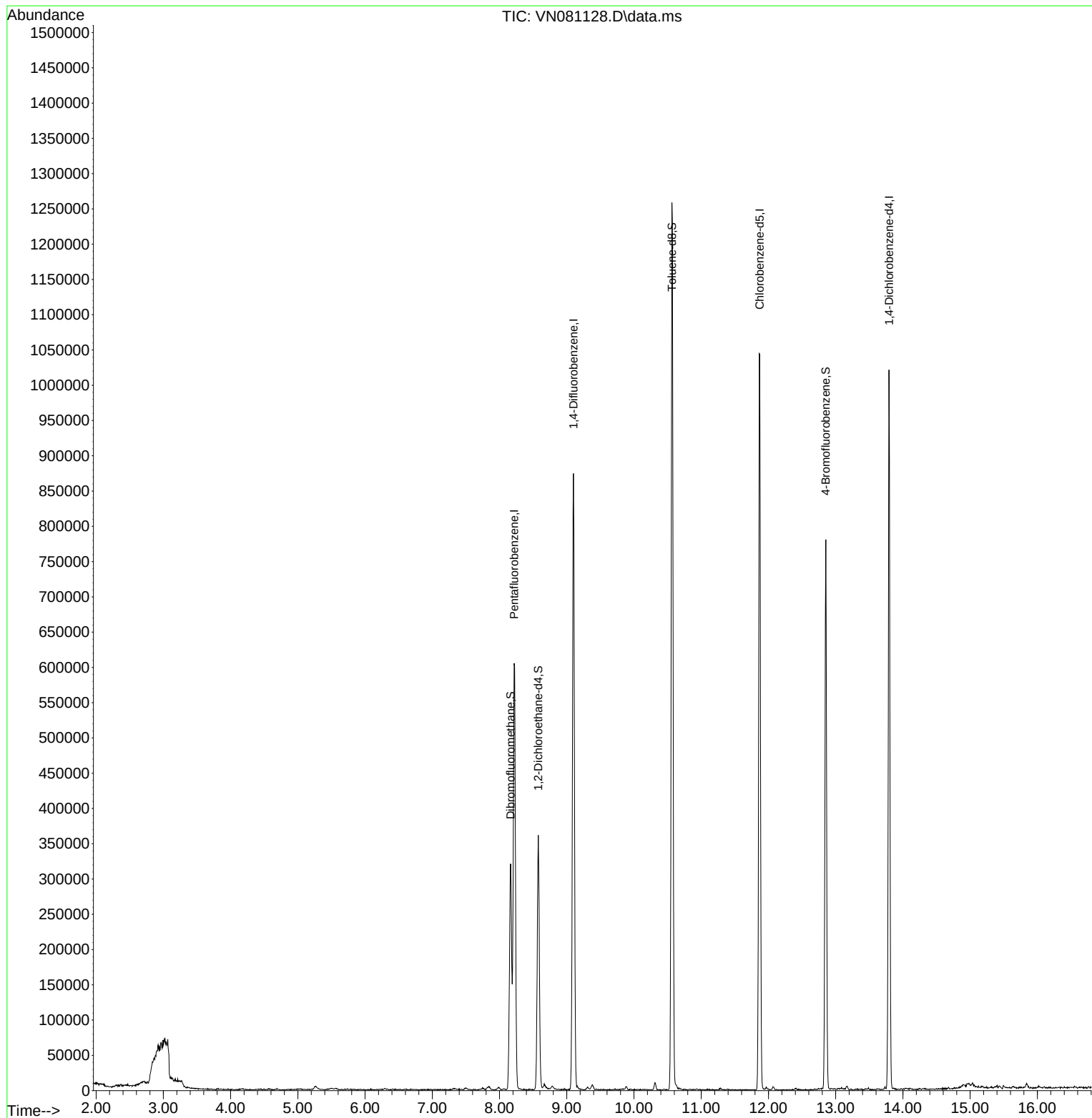
Target Compounds	Qvalue

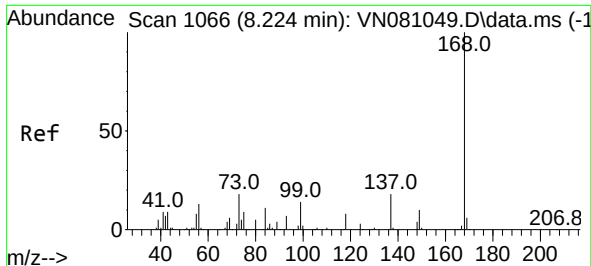
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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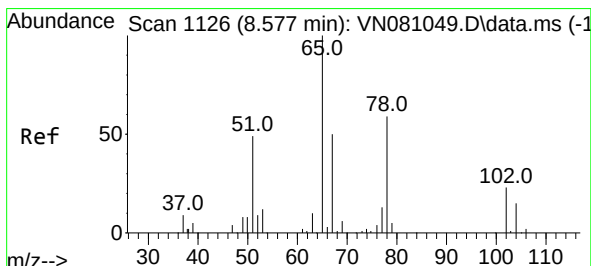
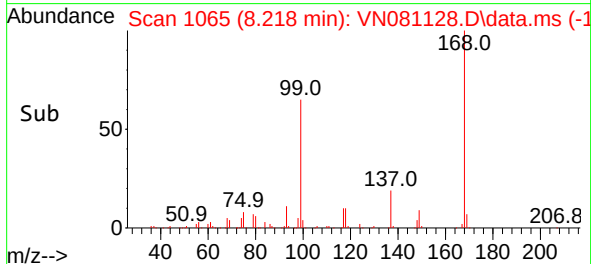
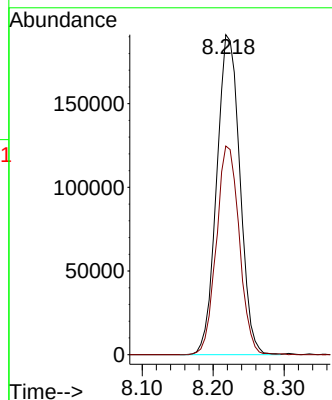
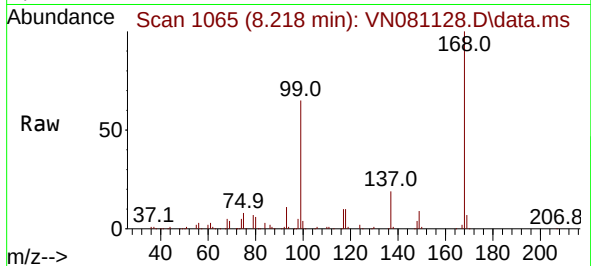




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN081128.D
Acq: 22 Feb 2024 12:25

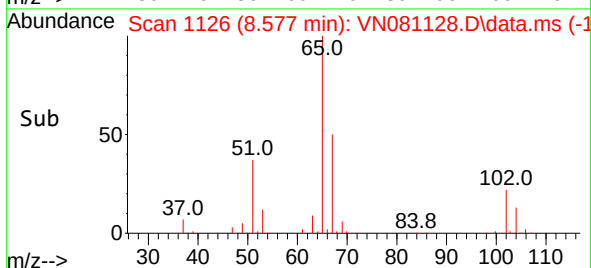
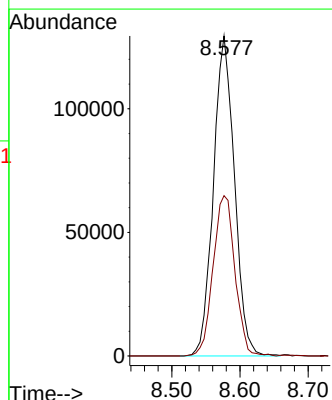
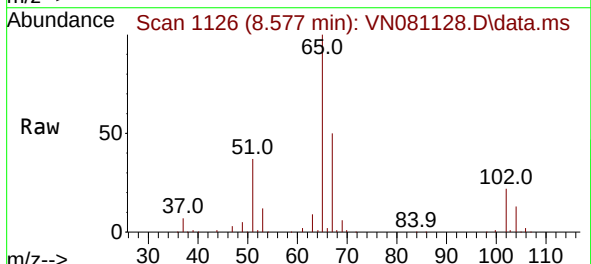
Instrument :
MSVOA_N
ClientSampleId :
336

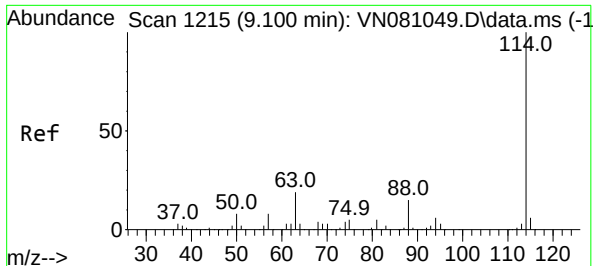
Tgt Ion:168 Resp: 431635
Ion Ratio Lower Upper
168 100
99 65.2 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 52.617 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081128.D
Acq: 22 Feb 2024 12:25

Tgt Ion: 65 Resp: 278379
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

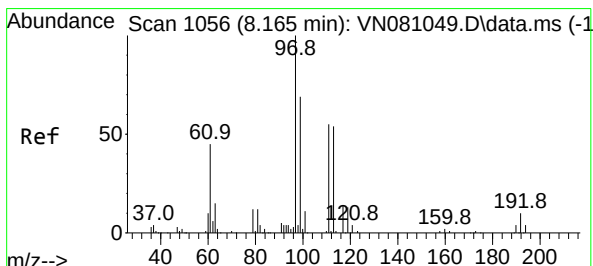
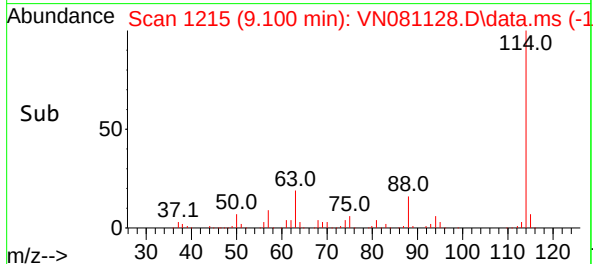
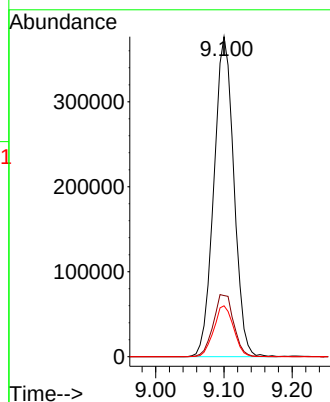
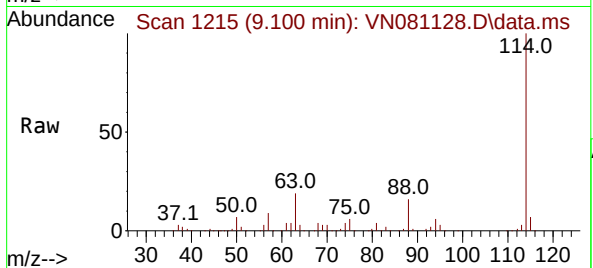




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN081128.D
Acq: 22 Feb 2024 12:25

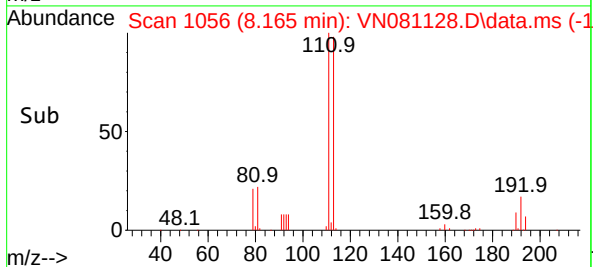
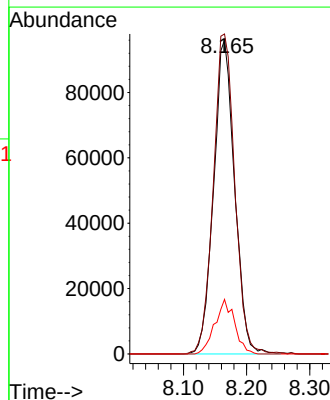
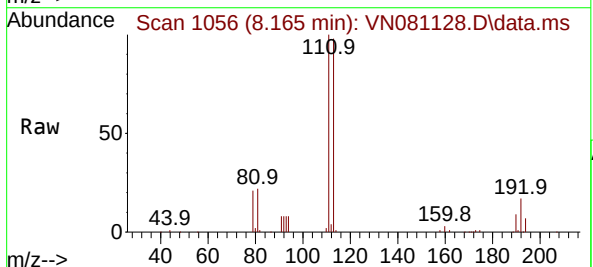
Instrument :
MSVOA_N
ClientSampleId :
336

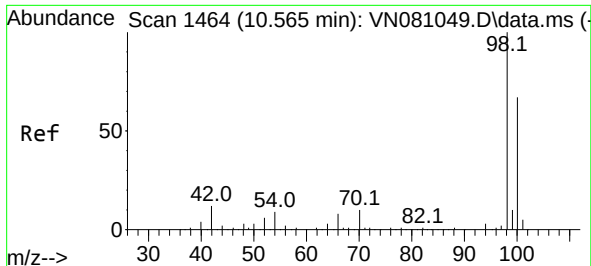
Tgt Ion:114 Resp: 768322
Ion Ratio Lower Upper
114 100
63 19.1 0.0 48.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.939 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081128.D
Acq: 22 Feb 2024 12:25

Tgt Ion:113 Resp: 221309
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 16.4 12.5 18.7

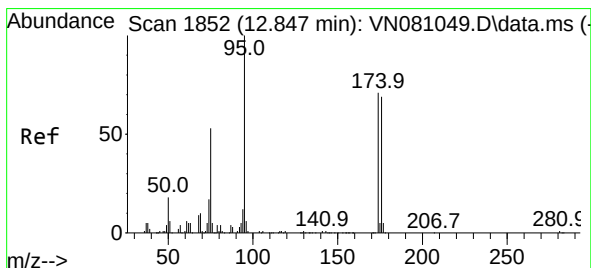
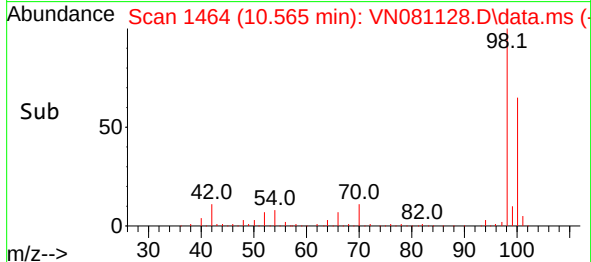
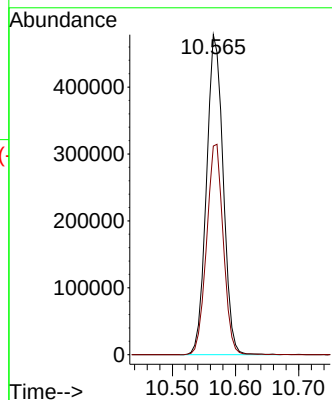
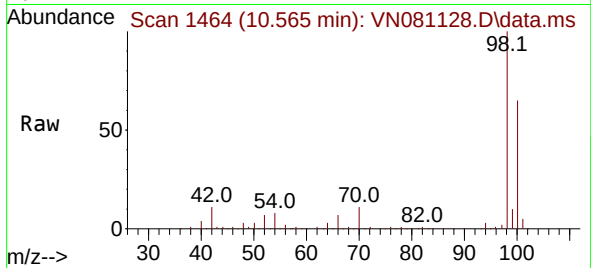




#50
Toluene-d8
Concen: 56.783 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081128.D
Acq: 22 Feb 2024 12:25

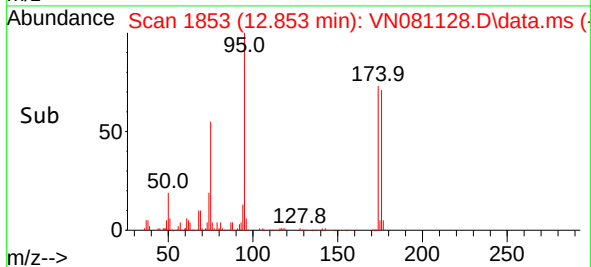
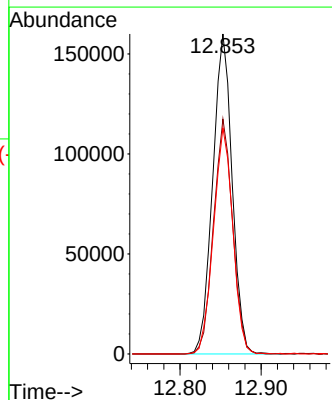
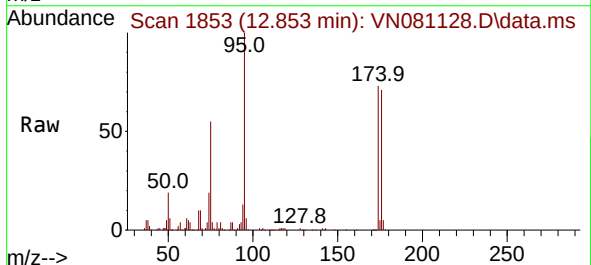
Instrument :
MSVOA_N
ClientSampleId :
336

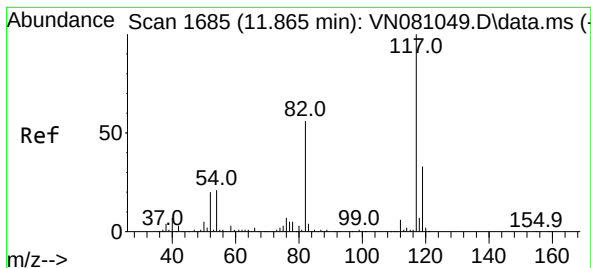
Tgt Ion: 98 Resp: 876223
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.884 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081128.D
Acq: 22 Feb 2024 12:25

Tgt Ion: 95 Resp: 266045
Ion Ratio Lower Upper
95 100
174 72.3 0.0 120.4
176 70.3 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081128.D

Acq: 22 Feb 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

336

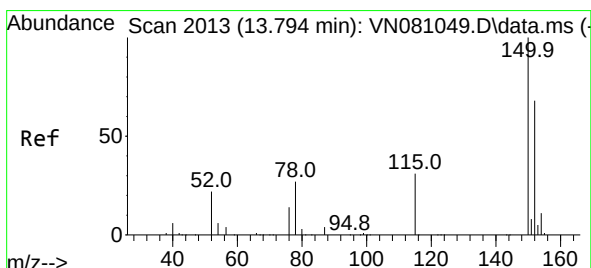
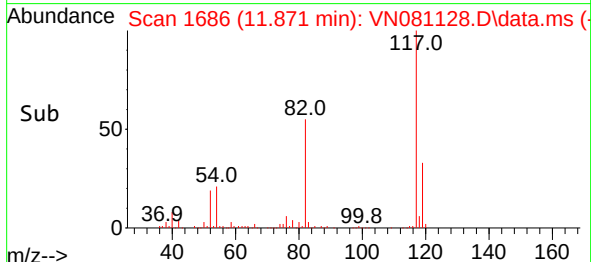
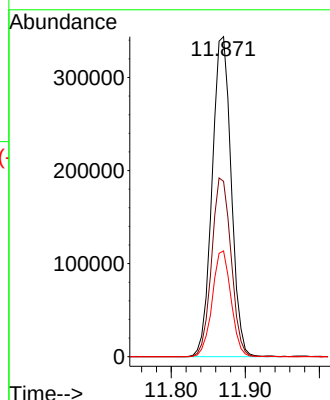
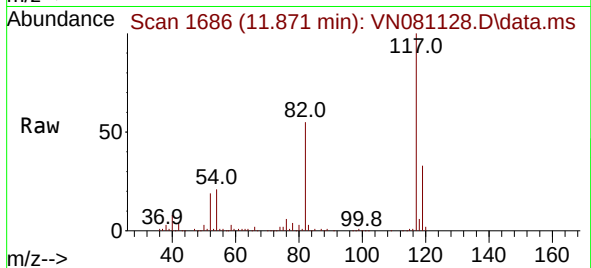
Tgt Ion:117 Resp: 615099

Ion Ratio Lower Upper

117 100

82 54.8 52.7 79.1

119 33.0 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081128.D

Acq: 22 Feb 2024 12:25

Tgt Ion:152 Resp: 255435

Ion Ratio Lower Upper

152 100

115 64.6 32.3 96.8

150 158.0 0.0 339.8

