

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081125.D
 Acq On : 22 Feb 2024 11:03
 Operator : JC\MD
 Sample : VN0222MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222MBL01

Quant Time: Feb 23 04:19:44 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	8.230	168	404367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	729781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	639510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	278211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	275563	55.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.200%	
35) Dibromofluoromethane	8.171	113	218574	52.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.940%	
50) Toluene-d8	10.571	98	853666	58.243	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 116.480%#	
62) 4-Bromofluorobenzene	12.853	95	293340	53.263	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.520%	

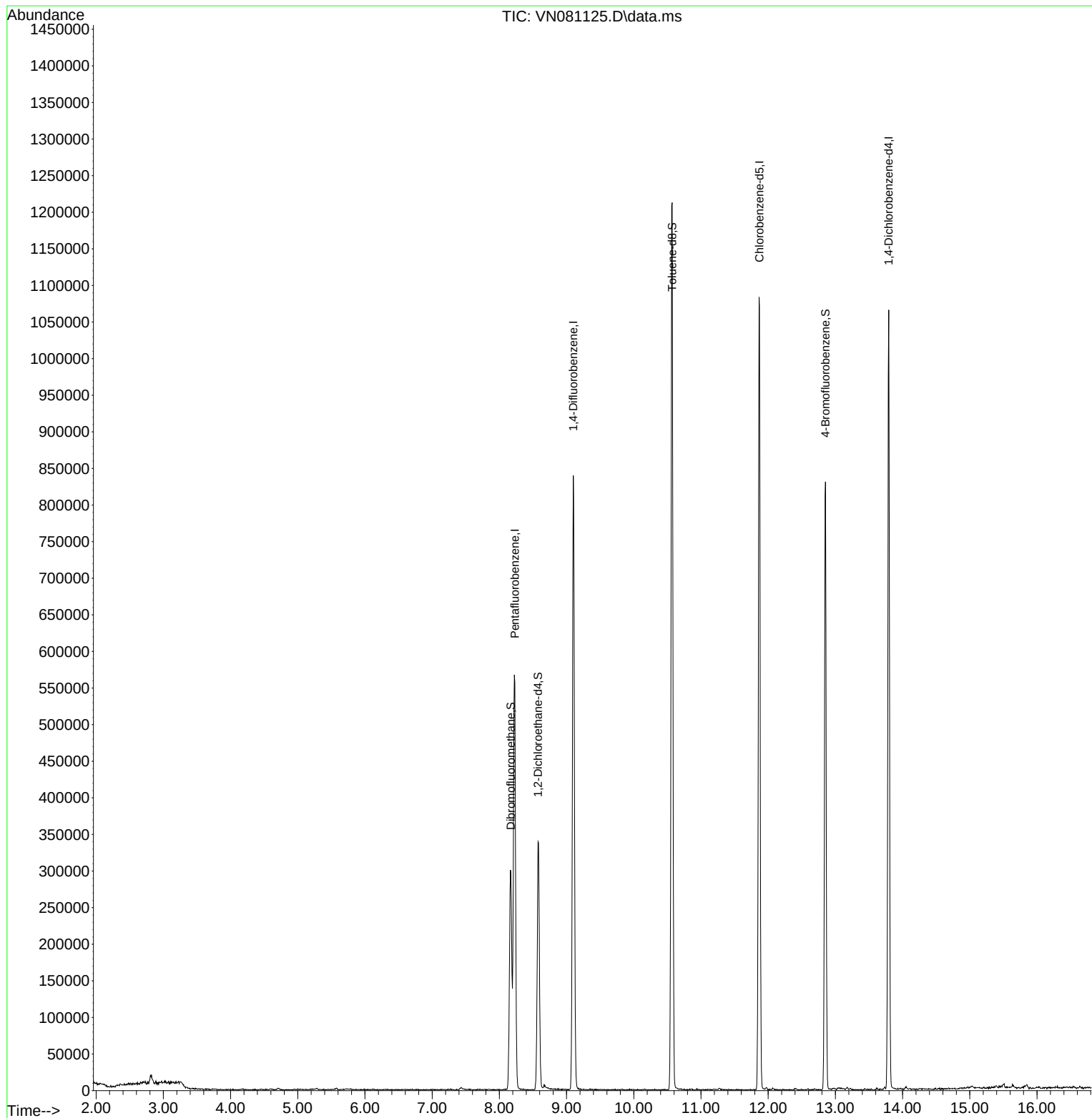
Target Compounds	Qvalue

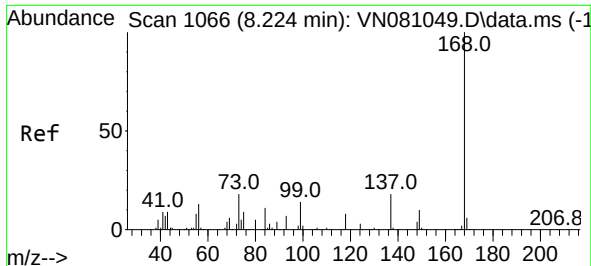
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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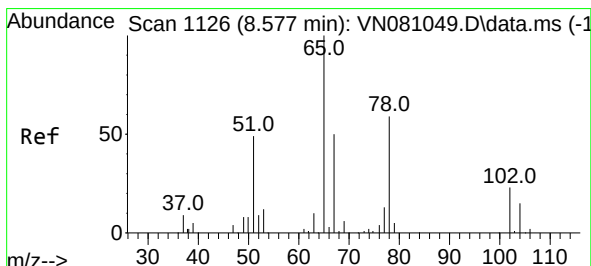
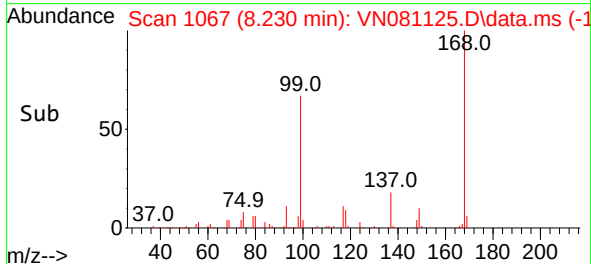
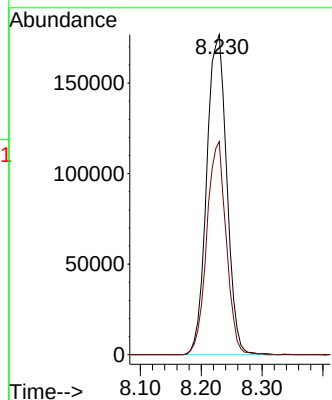
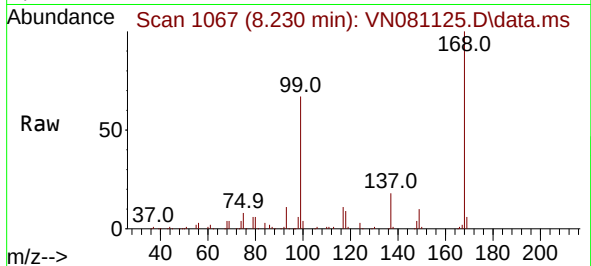




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081125.D
Acq: 22 Feb 2024 11:03

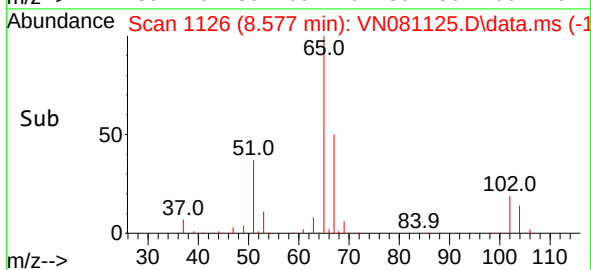
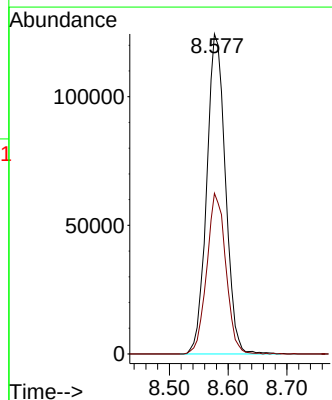
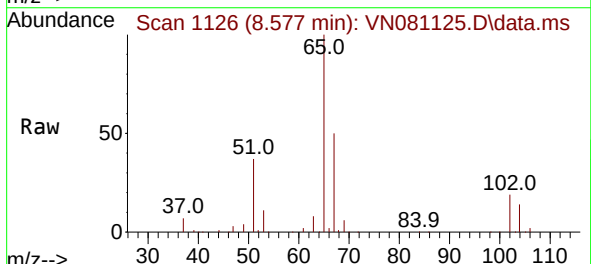
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBL01

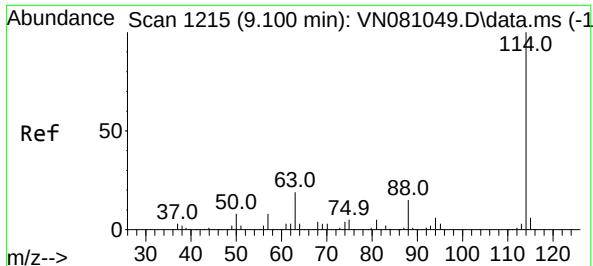
Tgt Ion:168 Resp: 404367
Ion Ratio Lower Upper
168 100
99 66.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 55.597 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081125.D
Acq: 22 Feb 2024 11:03

Tgt Ion: 65 Resp: 275563
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081125.D

Acq: 22 Feb 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBL01

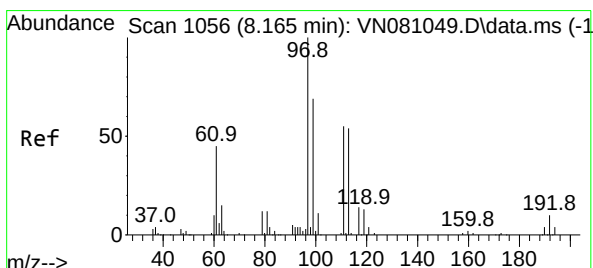
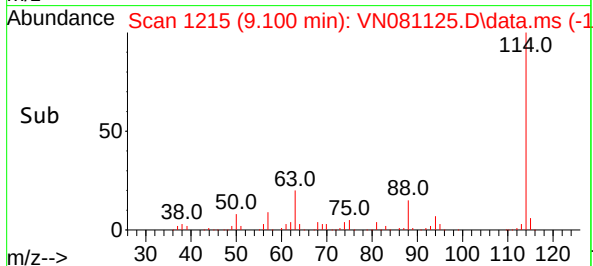
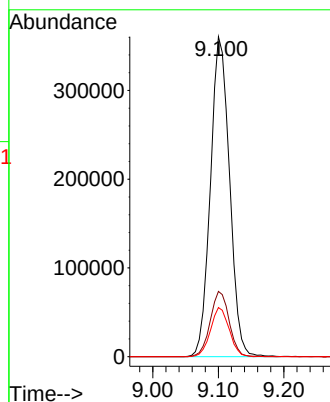
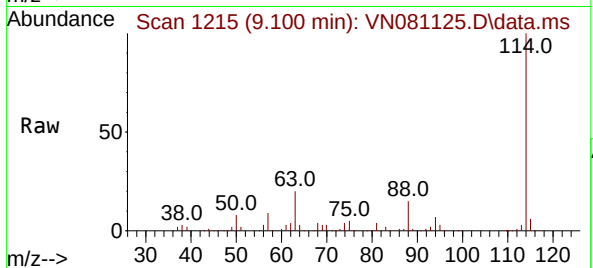
Tgt Ion:114 Resp: 729781

Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

88 15.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.966 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081125.D

Acq: 22 Feb 2024 11:03

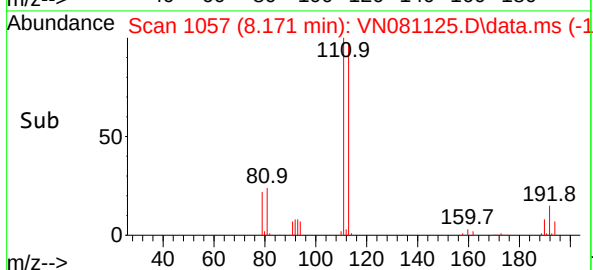
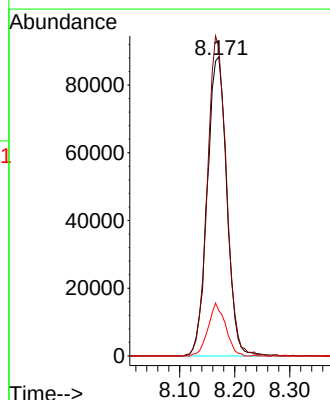
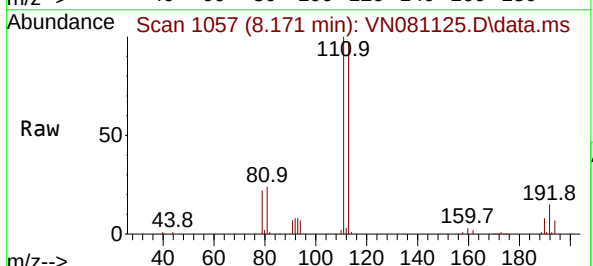
Tgt Ion:113 Resp: 218574

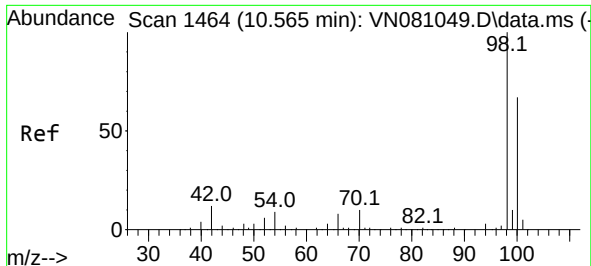
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 15.7 12.5 18.7

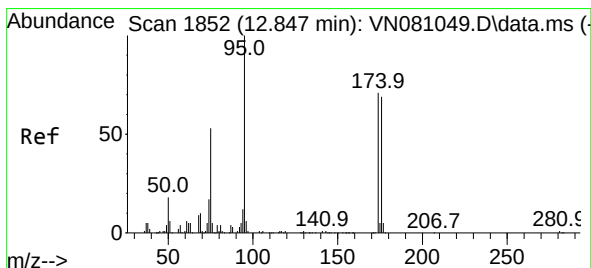
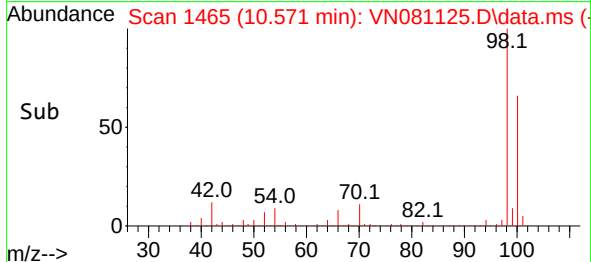
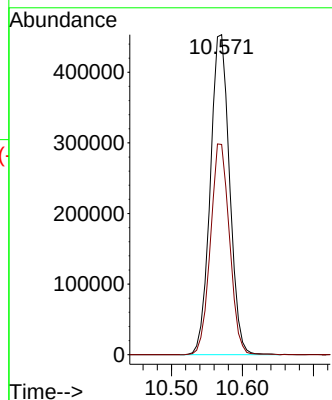
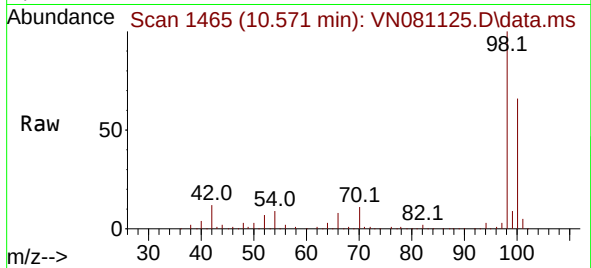




#50
Toluene-d8
Concen: 58.243 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081125.D
Acq: 22 Feb 2024 11:03

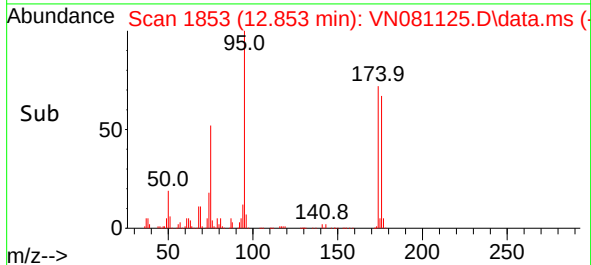
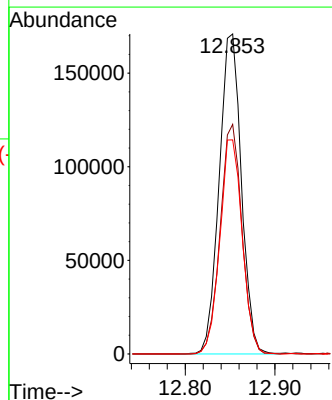
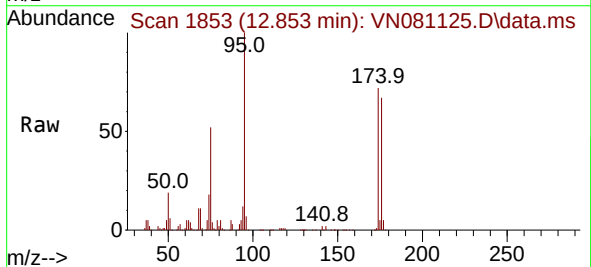
Instrument :
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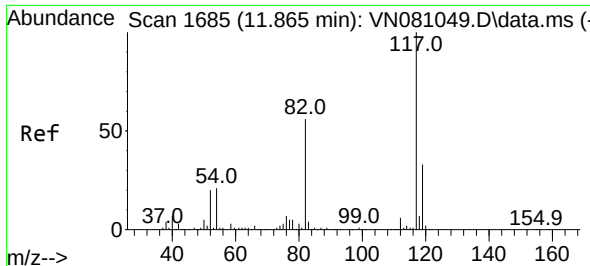
Tgt Ion: 98 Resp: 853666
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 53.263 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081125.D
Acq: 22 Feb 2024 11:03

Tgt Ion: 95 Resp: 293340
Ion Ratio Lower Upper
95 100
174 70.3 0.0 120.4
176 67.5 0.0 121.0

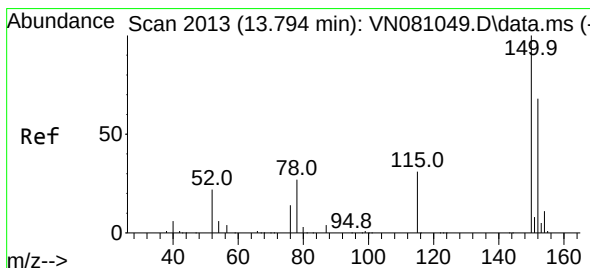
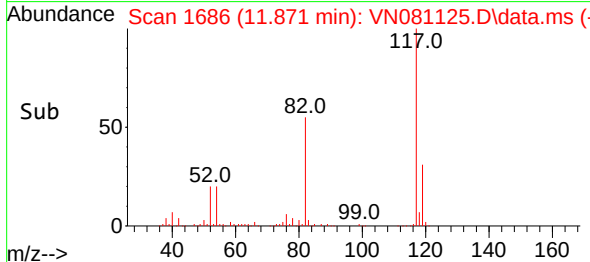
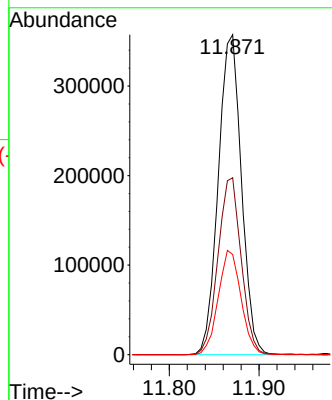
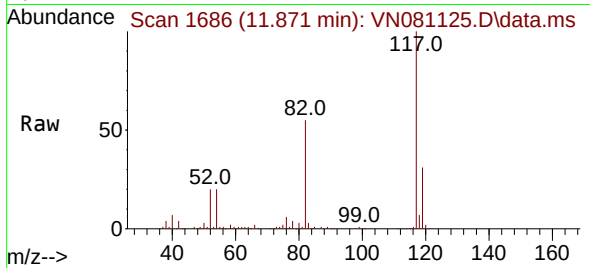




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081125.D
Acq: 22 Feb 2024 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBL01

Tgt Ion:117 Resp: 639510
Ion Ratio Lower Upper
117 100
82 55.3 52.7 79.1
119 31.3 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: VN081125.D
Acq: 22 Feb 2024 11:03

Tgt Ion:152 Resp: 278211
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 153.9 0.0 339.8

