

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081163.D
 Acq On : 23 Feb 2024 16:56
 Operator : JC\MD
 Sample : VN0223WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBL02

Quant Time: Feb 23 22:00:35 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	286867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	538714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	476375	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	179445	51.034	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.060%	
35) Dibromofluoromethane	8.171	113	149773	49.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.340%	
50) Toluene-d8	10.571	98	474872	43.890	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 87.780%	
62) 4-Bromofluorobenzene	12.853	95	180776	44.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.940%	

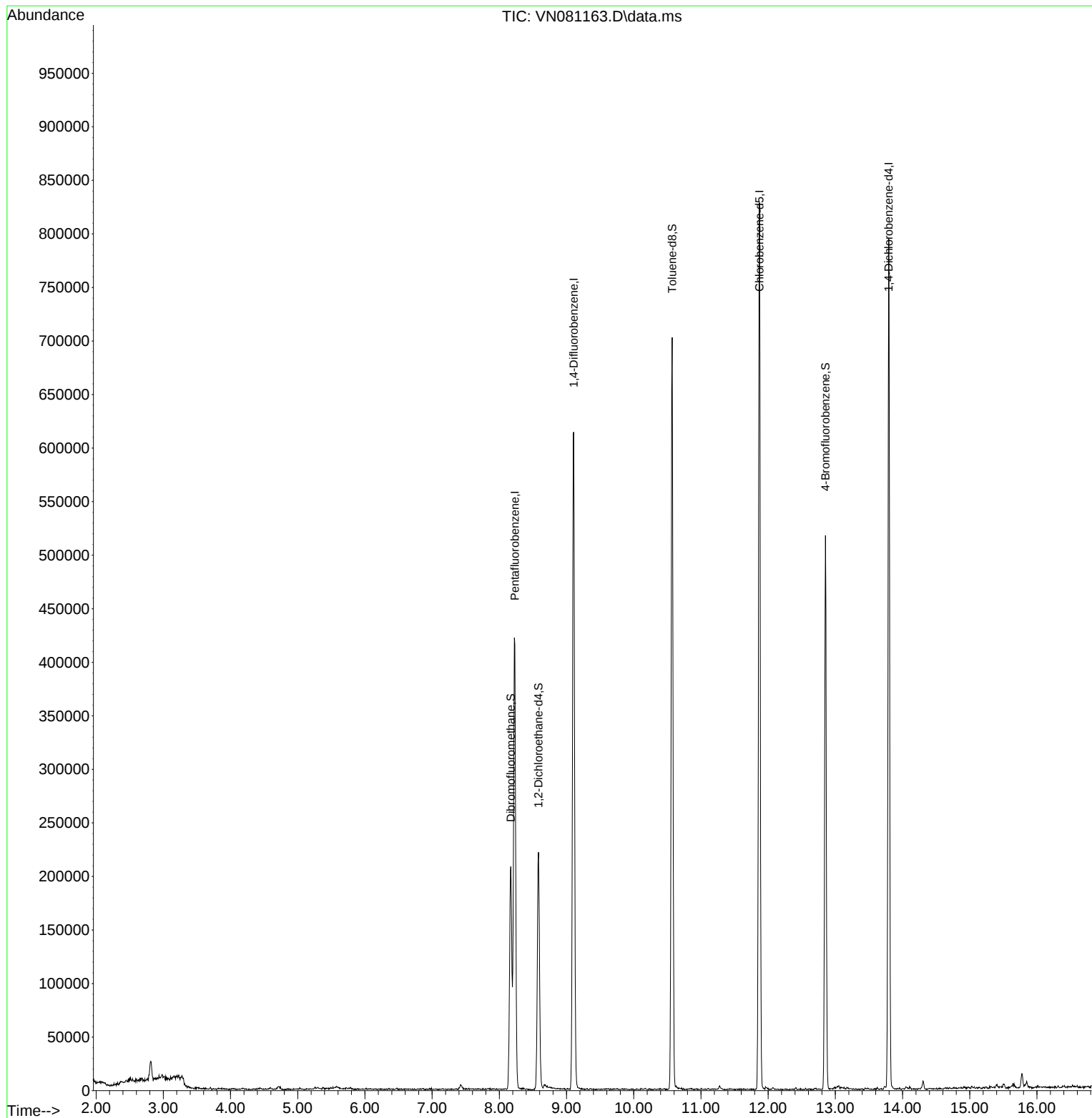
Target Compounds	Qvalue

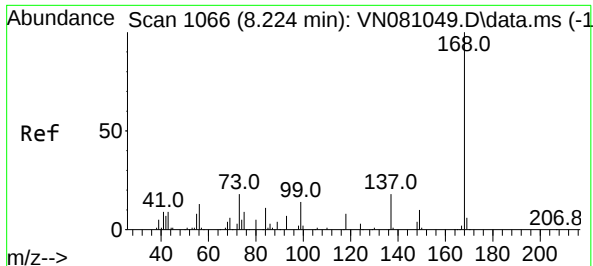
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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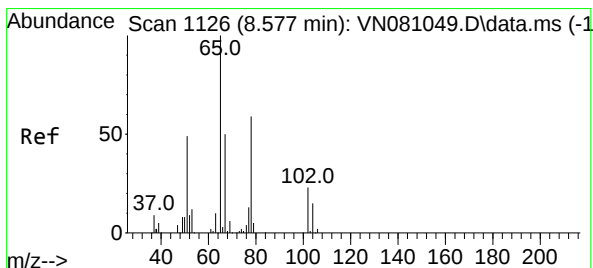
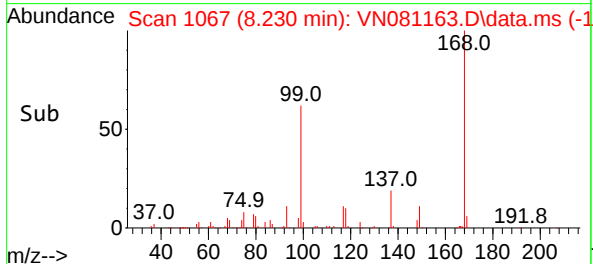
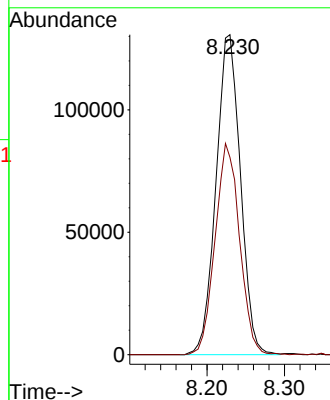
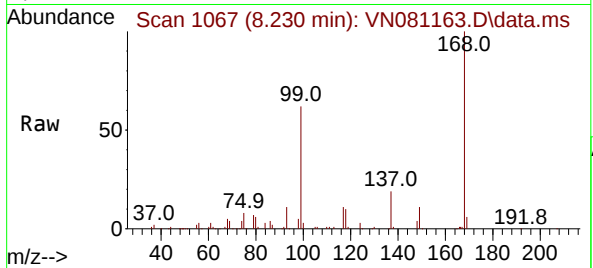




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081163.D
Acq: 23 Feb 2024 16:56

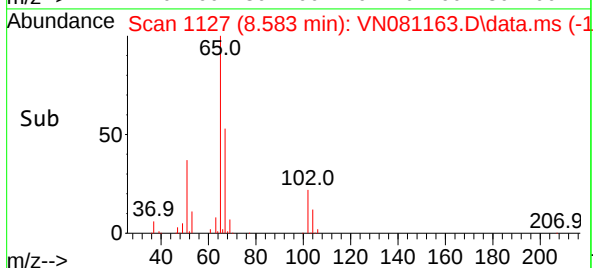
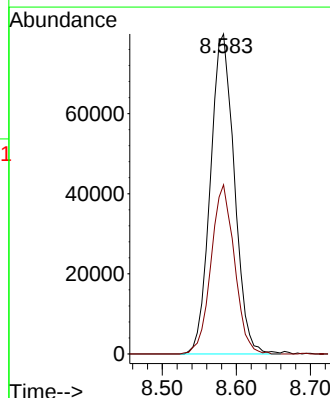
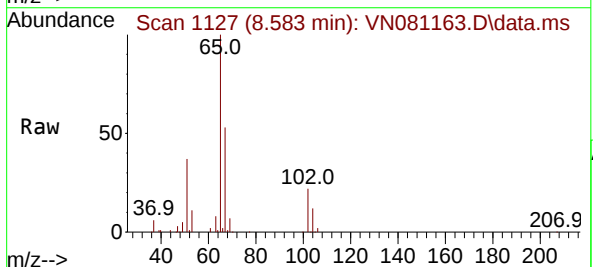
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBL02

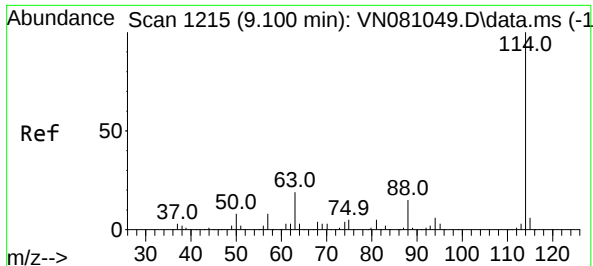
Tgt Ion:168 Resp: 286867
Ion Ratio Lower Upper
168 100
99 61.7 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.034 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081163.D
Acq: 23 Feb 2024 16:56

Tgt Ion: 65 Resp: 179445
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081163.D

Acq: 23 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBL02

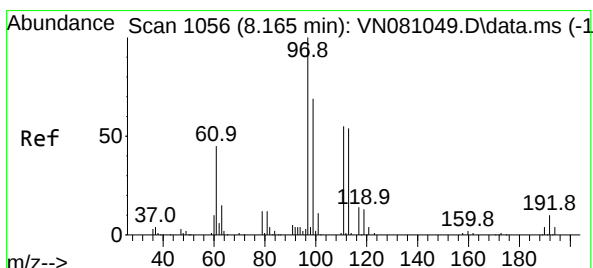
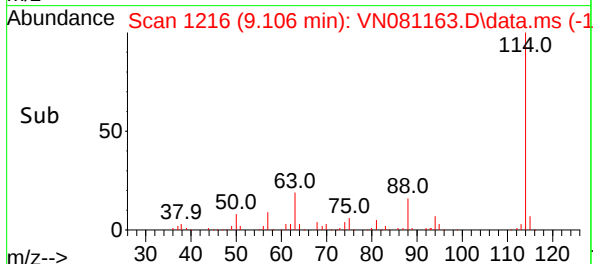
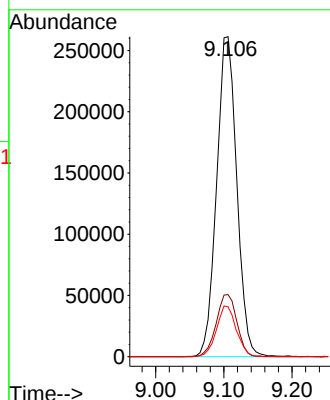
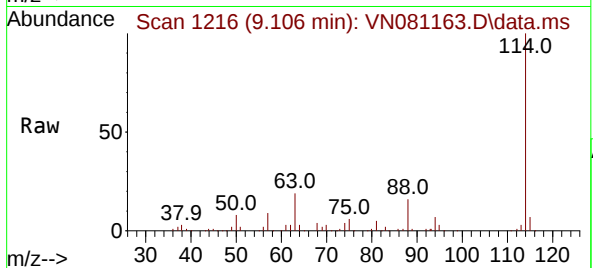
Tgt Ion:114 Resp: 538714

Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 15.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.166 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081163.D

Acq: 23 Feb 2024 16:56

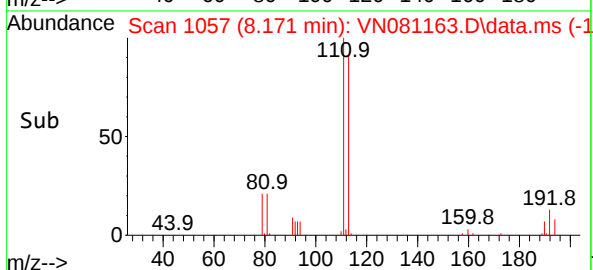
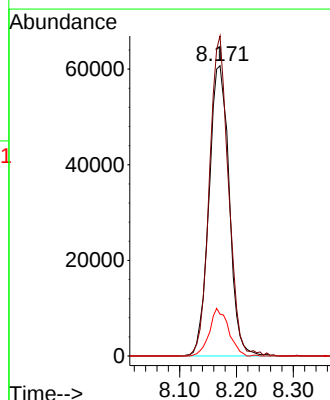
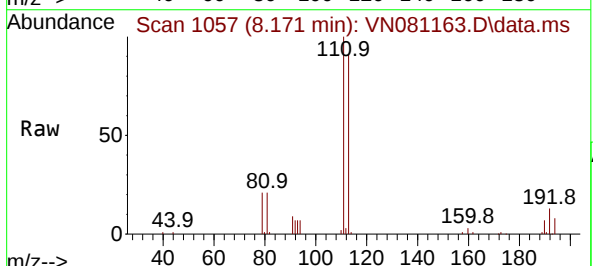
Tgt Ion:113 Resp: 149773

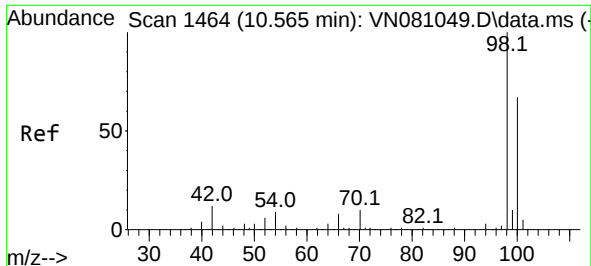
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 15.5 12.5 18.7

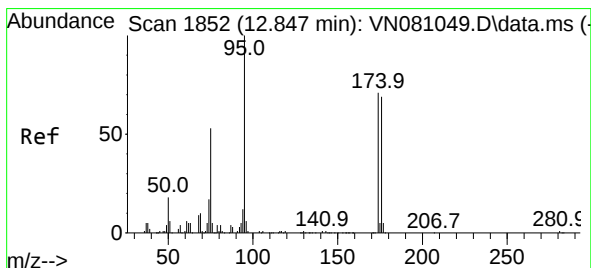
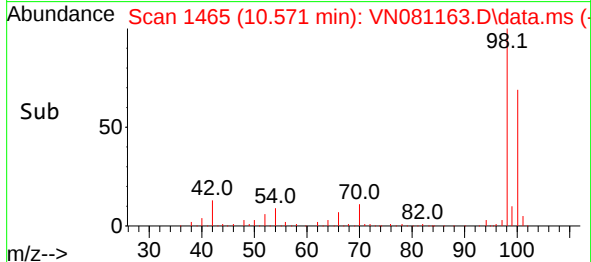
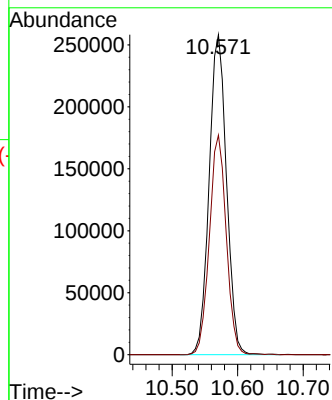
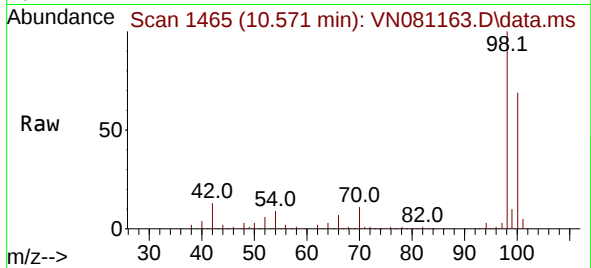




#50
Toluene-d8
Concen: 43.890 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN081163.D
Acq: 23 Feb 2024 16:56

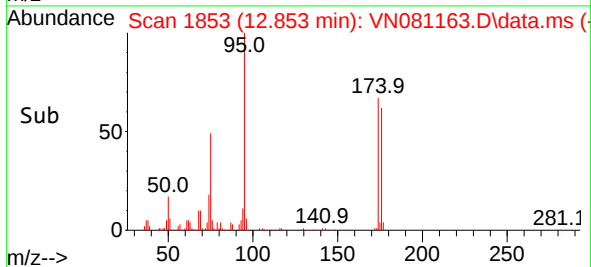
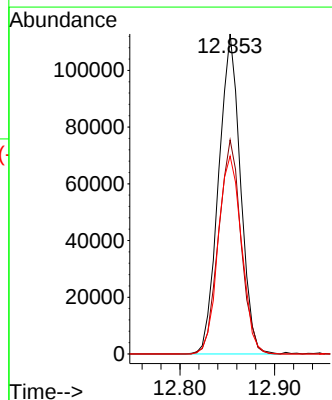
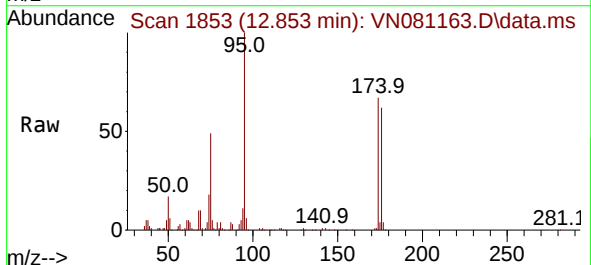
Instrument :
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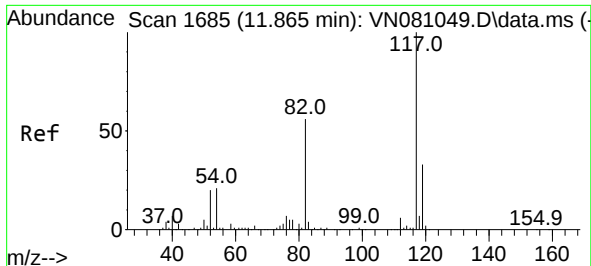
Tgt Ion: 98 Resp: 474872
Ion Ratio Lower Upper
98 100
100 66.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.466 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081163.D
Acq: 23 Feb 2024 16:56

Tgt Ion: 95 Resp: 180776
Ion Ratio Lower Upper
95 100
174 68.5 0.0 120.4
176 66.3 0.0 121.0

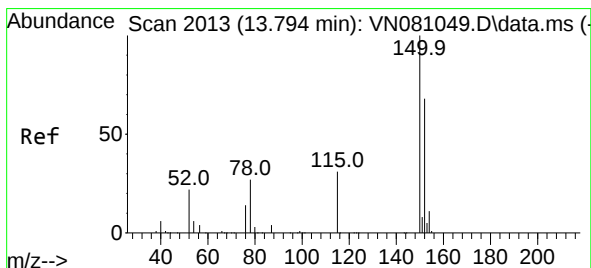
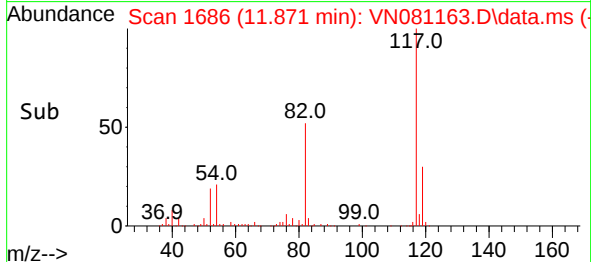
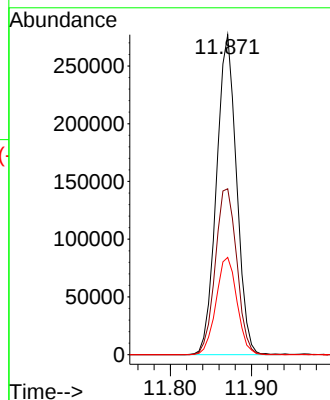
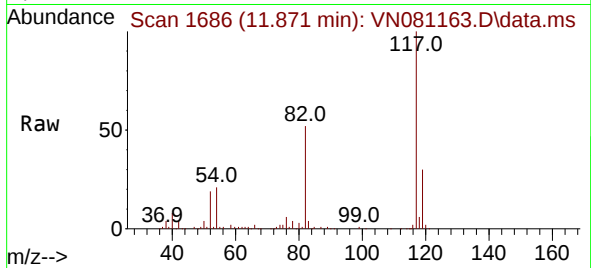




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081163.D
Acq: 23 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBL02

Tgt Ion:117 Resp: 476375
Ion Ratio Lower Upper
117 100
82 51.9 52.7 79.1#
119 30.4 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: VN081163.D
Acq: 23 Feb 2024 16:56

Tgt Ion:152 Resp: 194073
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 161.1 0.0 339.8

