

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081559.D
 Acq On : 25 Mar 2024 14:07
 Operator : JC\MD
 Sample : P1838-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP300C-20240321

Quant Time: Mar 26 01:19:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	427089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	772816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	702500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	279450	51.308	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.620%
35) Dibromofluoromethane	8.165	113	242251	49.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	10.565	98	911225	51.684	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.847	95	289187	46.550	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.100%

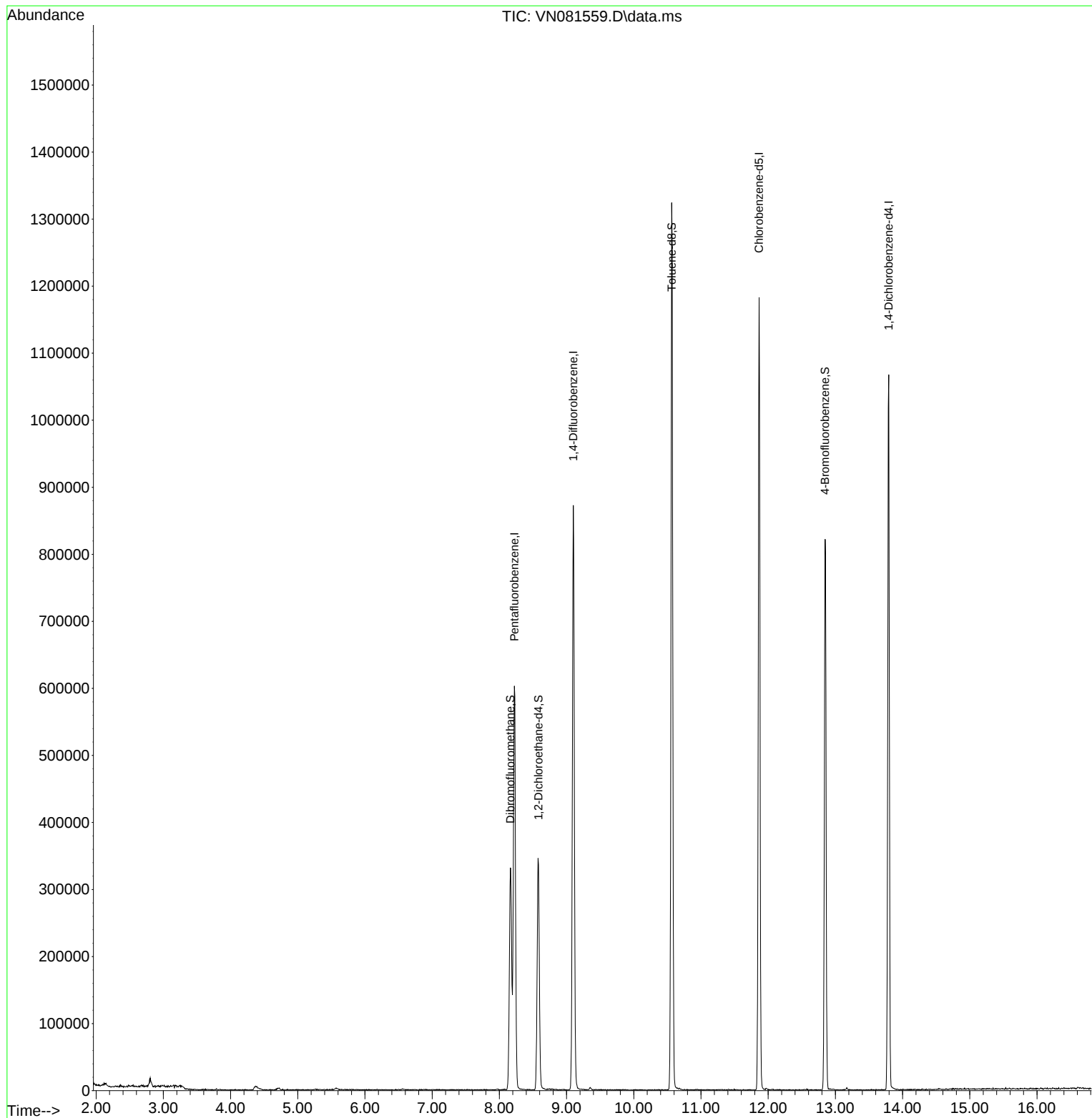
Target Compounds	Qvalue

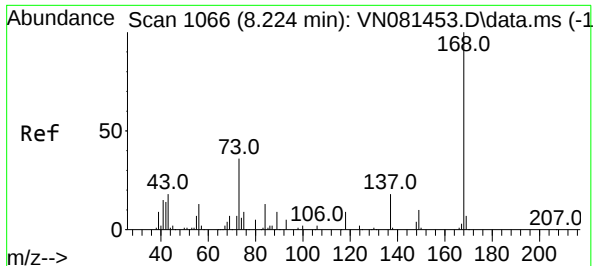
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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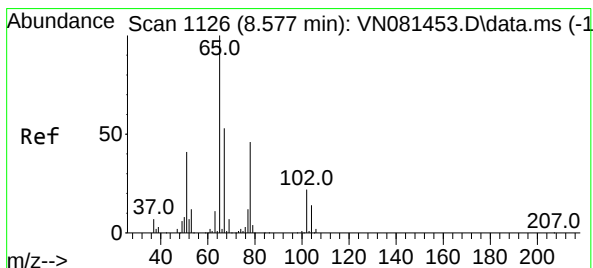
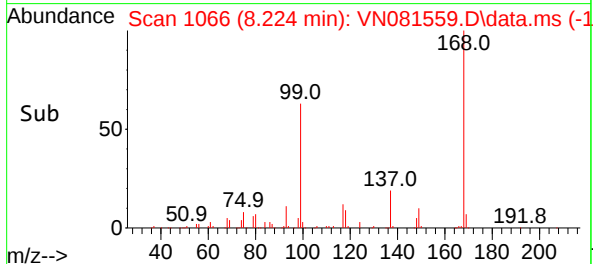
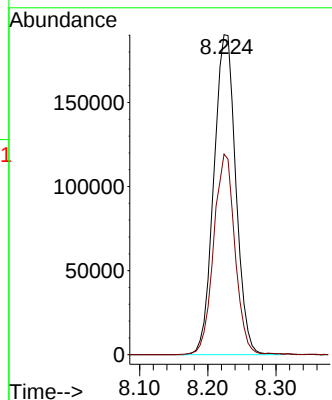
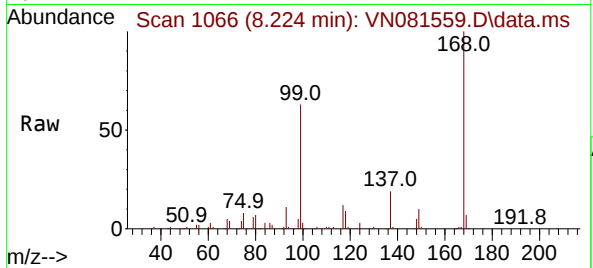




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

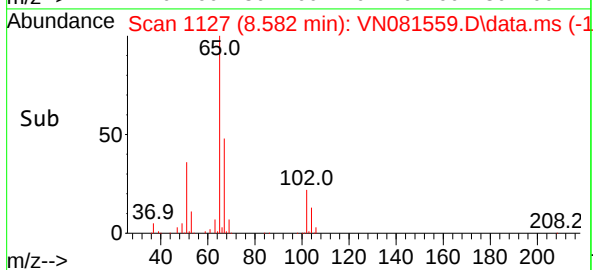
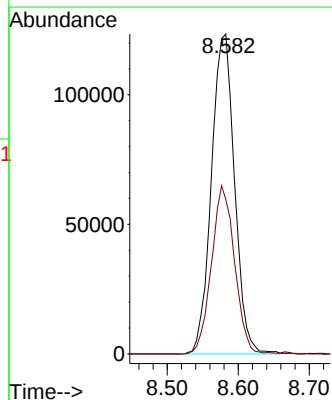
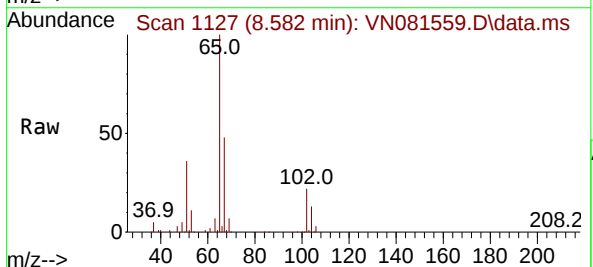
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300C-20240321

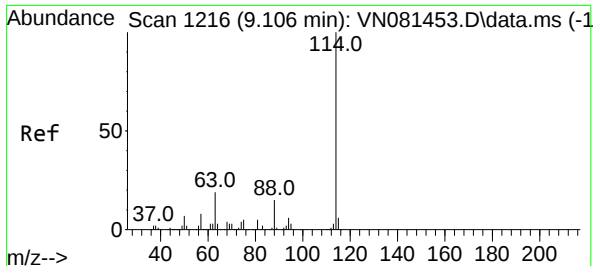
Tgt Ion:168 Resp: 427089
Ion Ratio Lower Upper
168 100
99 62.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.308 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Tgt Ion: 65 Resp: 279450
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4

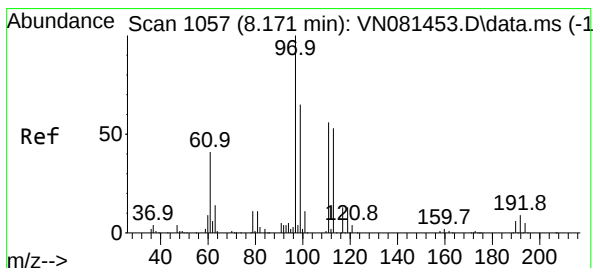
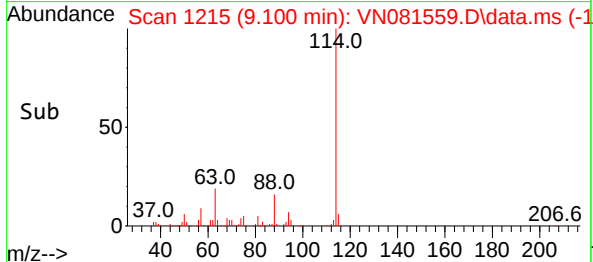
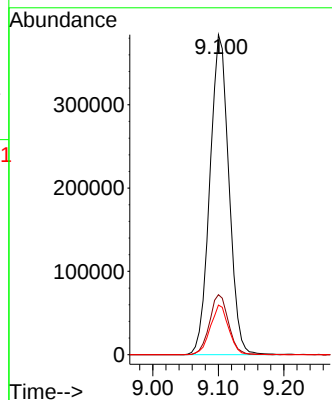
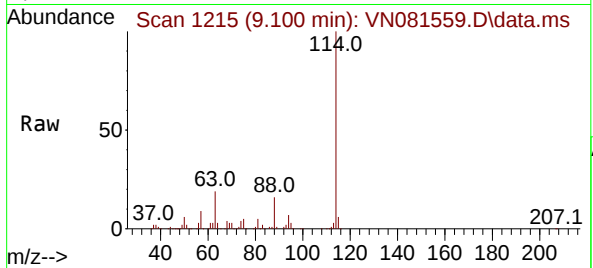




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

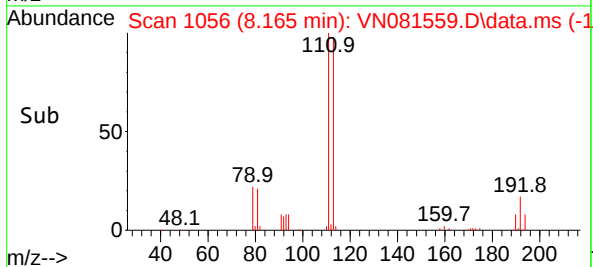
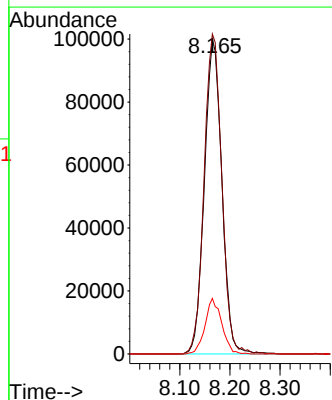
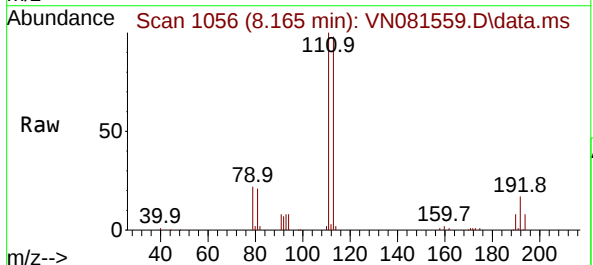
Instrument :
MSVOA_N
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RE137-SP300C-20240321

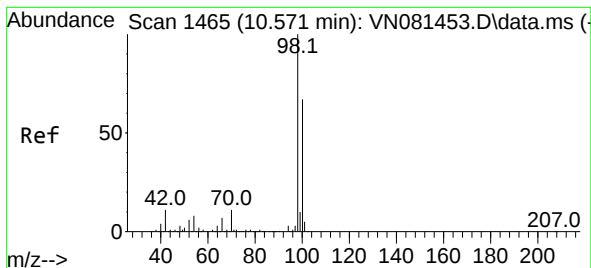
Tgt Ion:114 Resp: 772816
Ion Ratio Lower Upper
114 100
63 18.8 0.0 48.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.670 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Tgt Ion:113 Resp: 242251
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 16.8 12.5 18.7





#50

Toluene-d8

Concen: 51.684 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081559.D

Acq: 25 Mar 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :

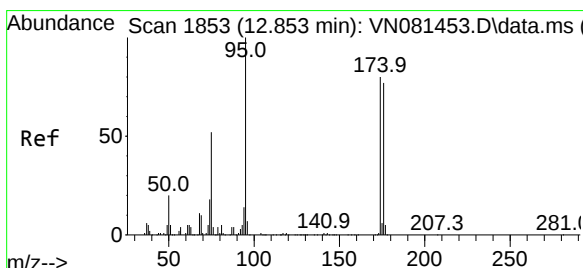
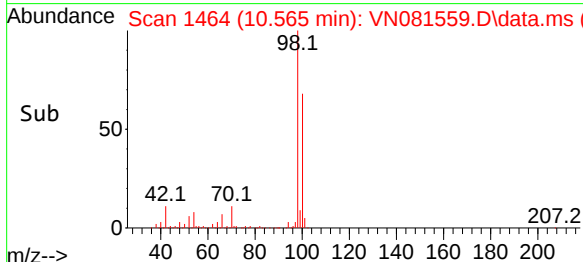
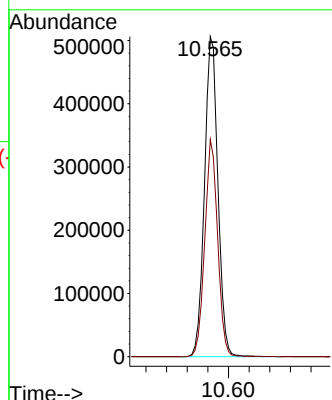
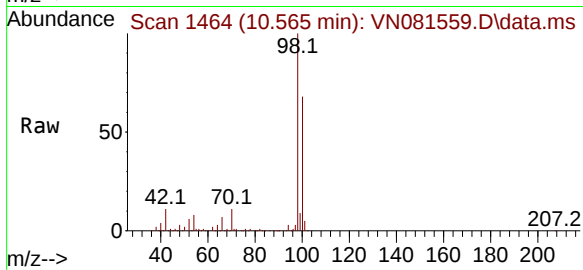
RE137-SP300C-20240321

Tgt Ion: 98 Resp: 911225

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 46.550 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081559.D

Acq: 25 Mar 2024 14:07

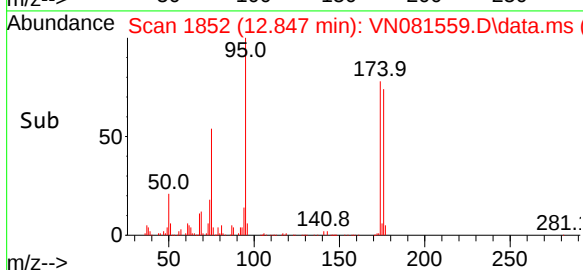
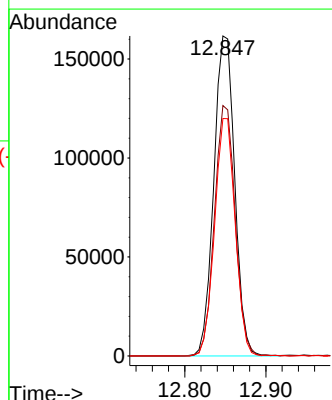
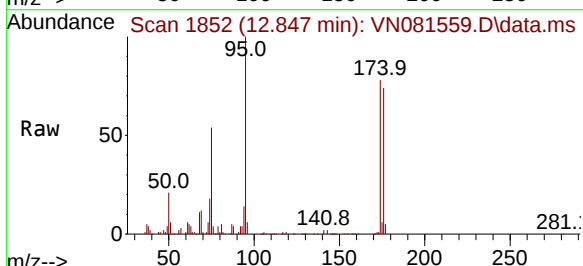
Tgt Ion: 95 Resp: 289187

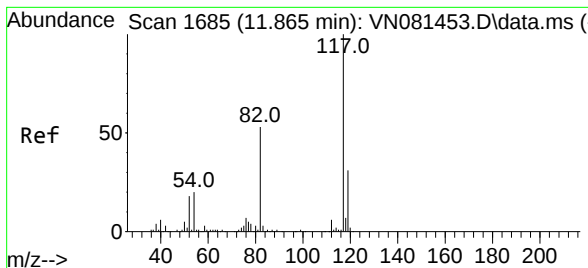
Ion Ratio Lower Upper

95 100

174 77.8 0.0 120.4

176 73.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081559.D

Acq: 25 Mar 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :

RE137-SP300C-20240321

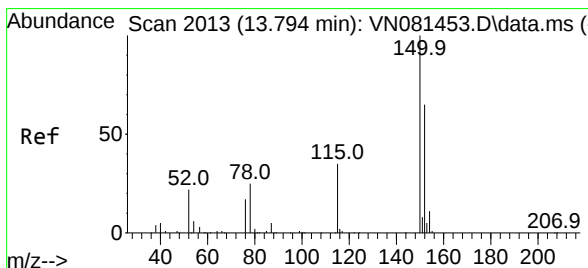
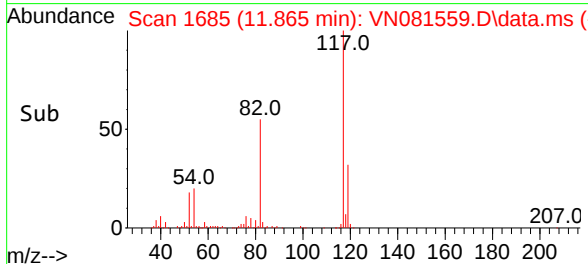
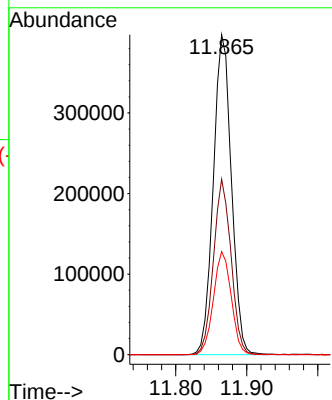
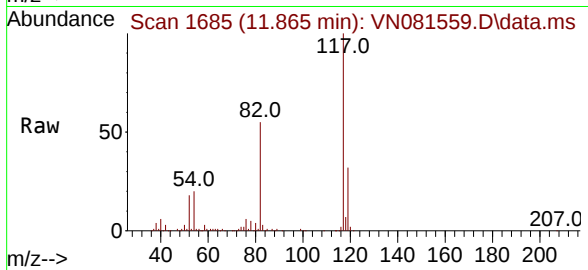
Tgt Ion:117 Resp: 702500

Ion Ratio Lower Upper

117 100

82 54.9 52.7 79.1

119 32.2 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: VN081559.D

Acq: 25 Mar 2024 14:07

Tgt Ion:152 Resp: 287844

Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

150 153.8 0.0 339.8

