

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081596.D
 Acq On : 28 Mar 2024 10:46
 Operator : JC\MD
 Sample : VN0328MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328MBL01

Quant Time: Mar 29 02:43:35 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	348241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	641694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	580678	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219535	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	237299	53.434	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.860%
35) Dibromofluoromethane	8.165	113	208084	51.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.760%
50) Toluene-d8	10.571	98	757934	51.774	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.847	95	232949	45.160	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.320%

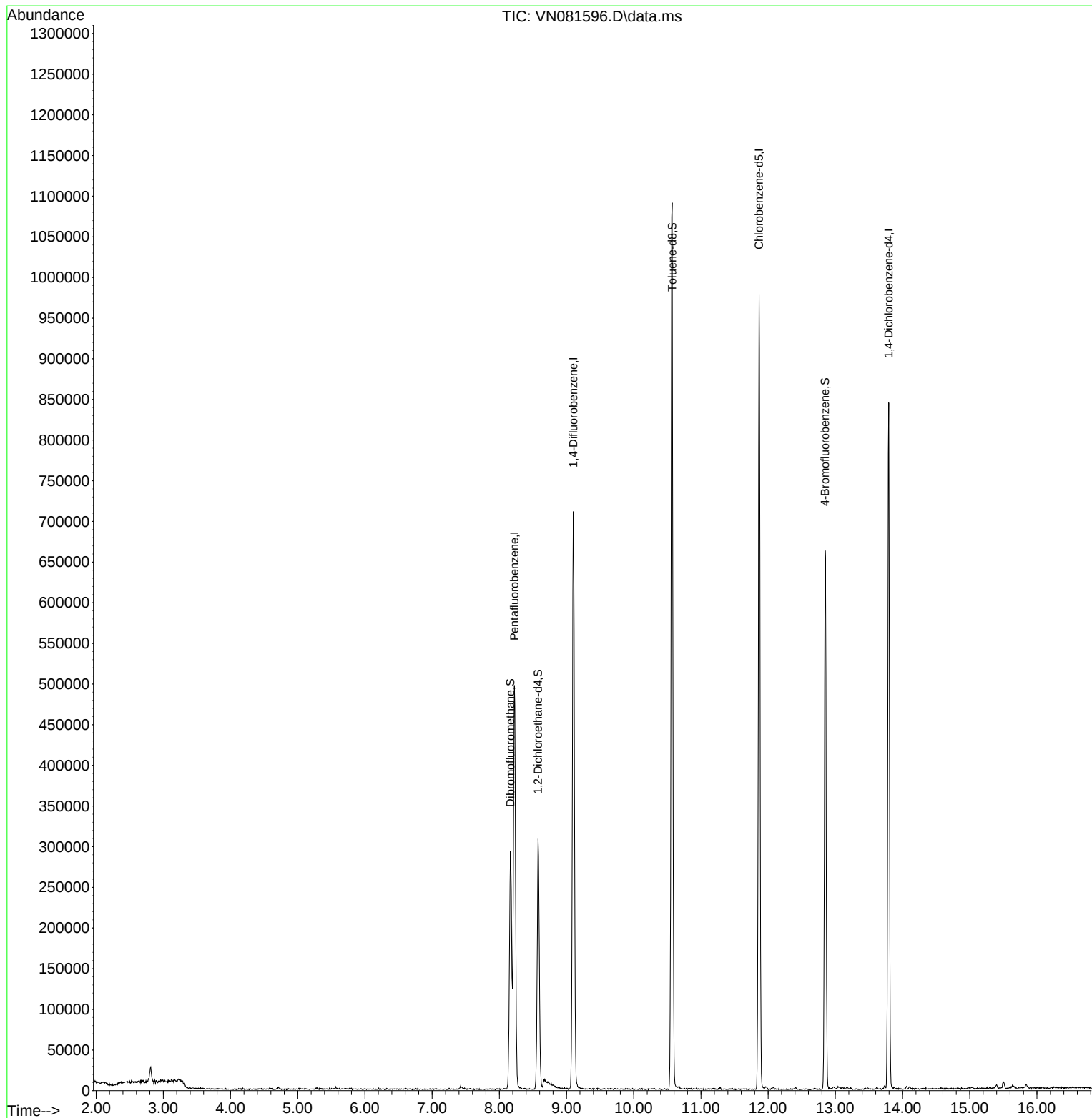
Target Compounds	Qvalue

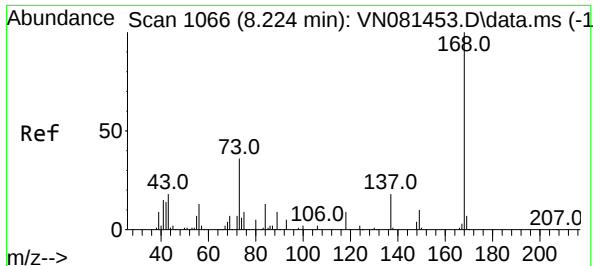
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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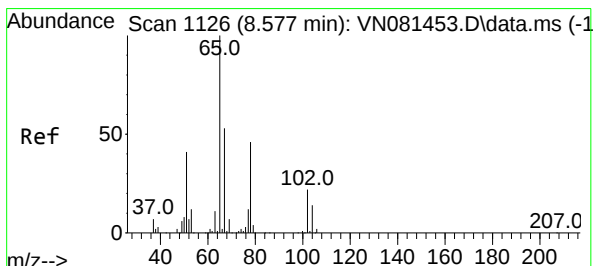
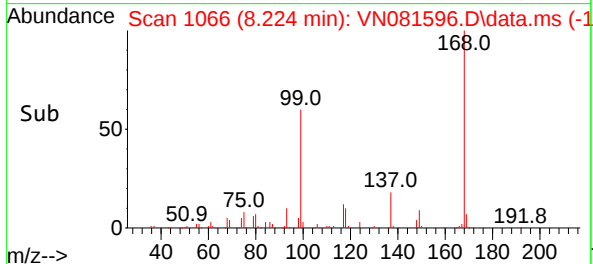
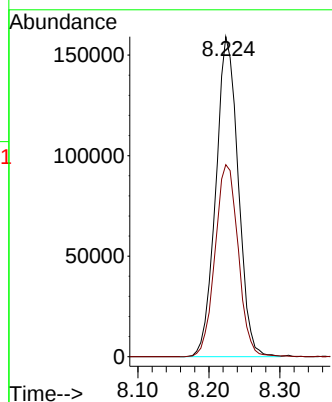
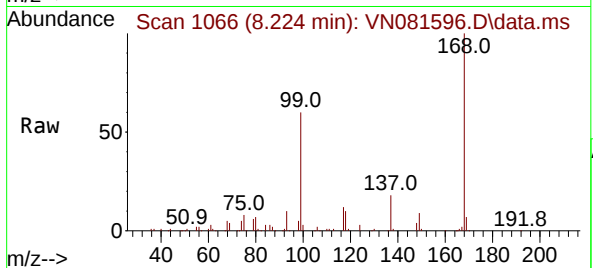




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

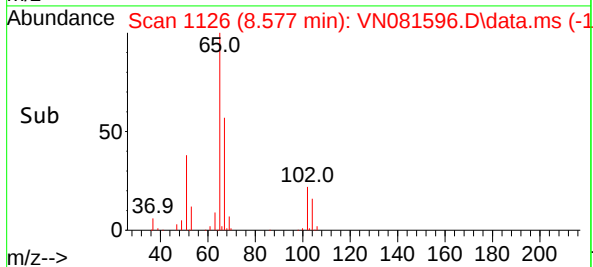
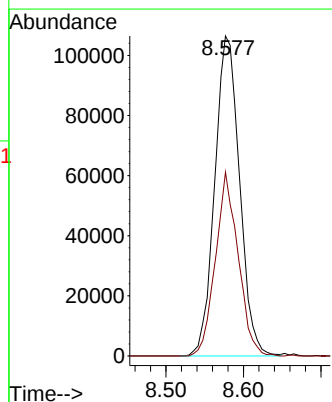
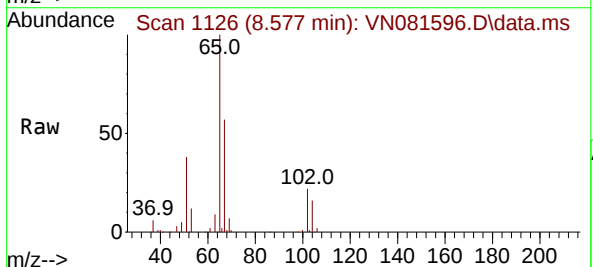
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBL01

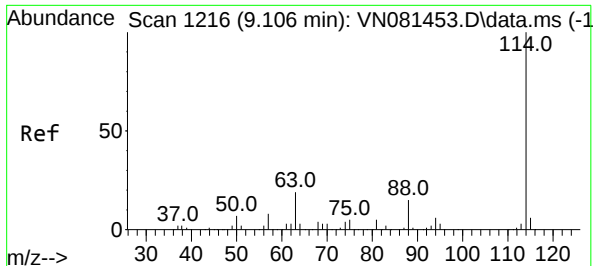
Tgt Ion:168 Resp: 348241
Ion Ratio Lower Upper
168 100
99 60.0 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 53.434 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

Tgt Ion: 65 Resp: 237299
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# 1

Delta R.T. -0.006 min

Lab File: VN081596.D

Acq: 28 Mar 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0328MBL01

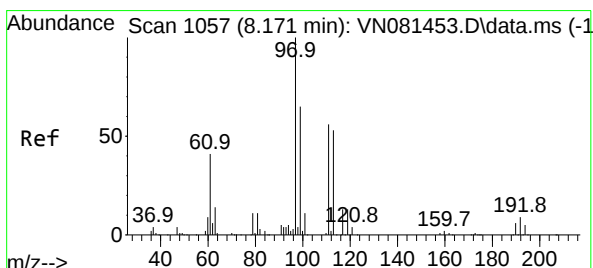
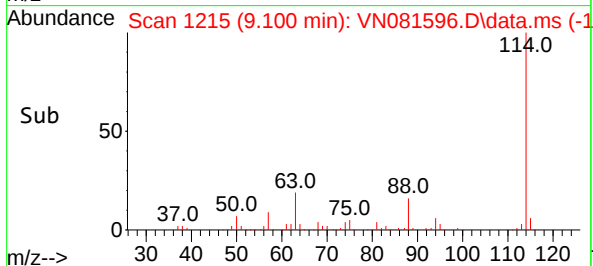
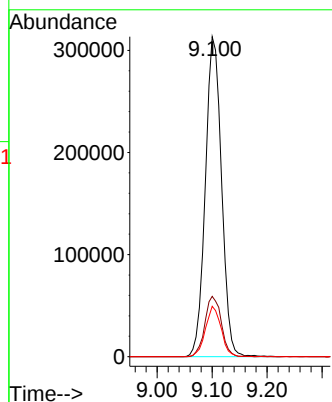
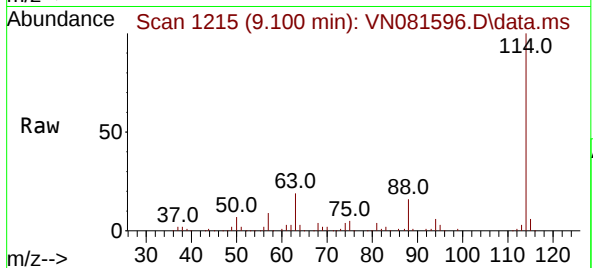
Tgt Ion:114 Resp: 641694

Ion Ratio Lower Upper

114 100

63 18.9 0.0 48.0

88 15.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.382 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081596.D

Acq: 28 Mar 2024 10:46

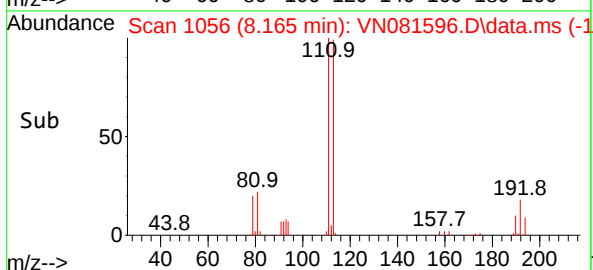
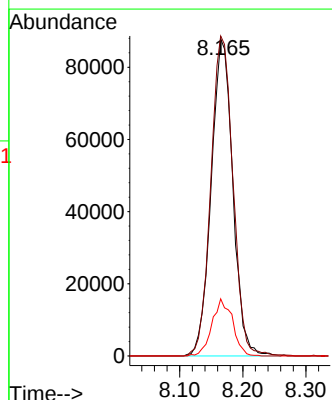
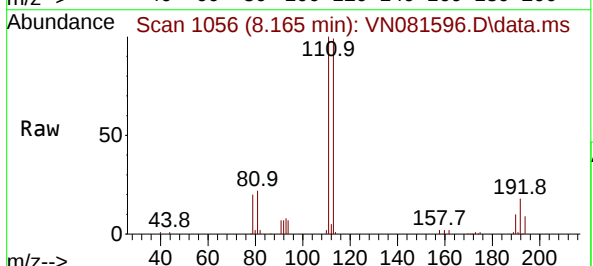
Tgt Ion:113 Resp: 208084

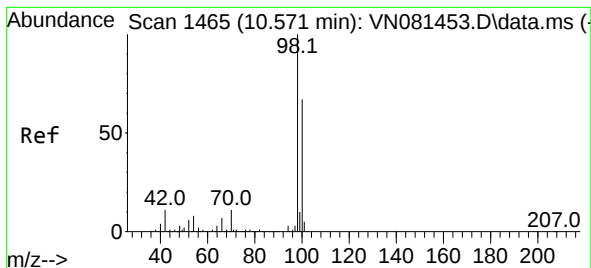
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 17.2 12.5 18.7

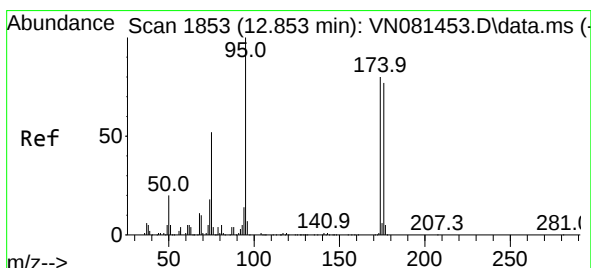
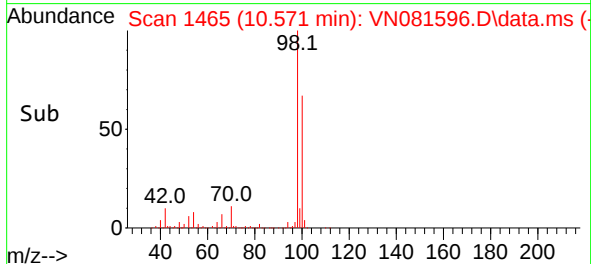
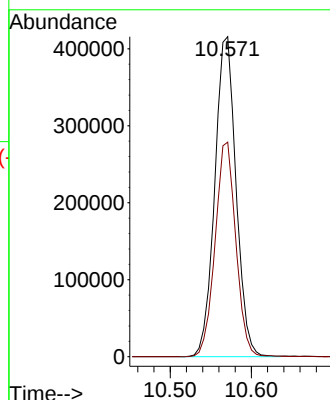
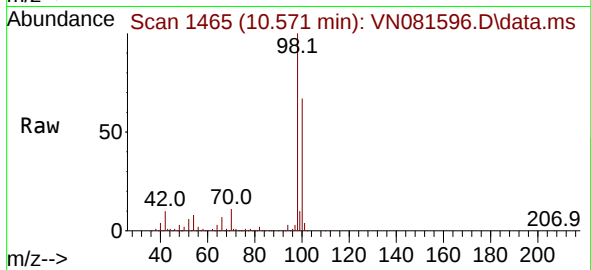




#50
Toluene-d8
Concen: 51.774 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

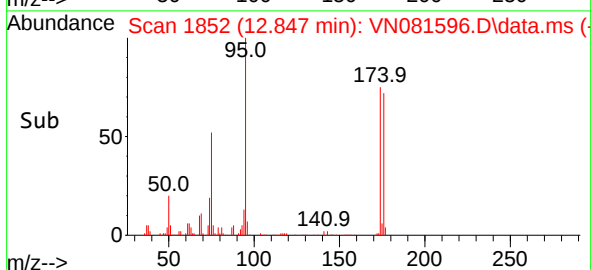
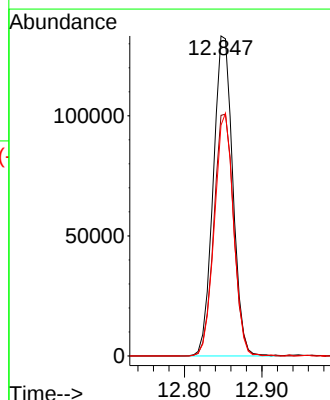
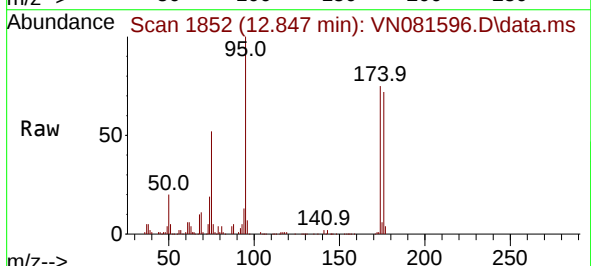
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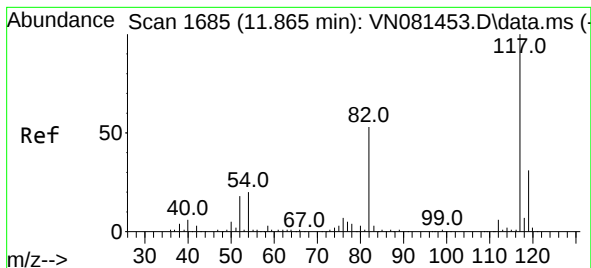
Tgt Ion: 98 Resp: 757934
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

Tgt Ion: 95 Resp: 232949
Ion Ratio Lower Upper
95 100
174 76.7 0.0 120.4
176 74.3 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: VN081596.D

Acq: 28 Mar 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0328MBL01

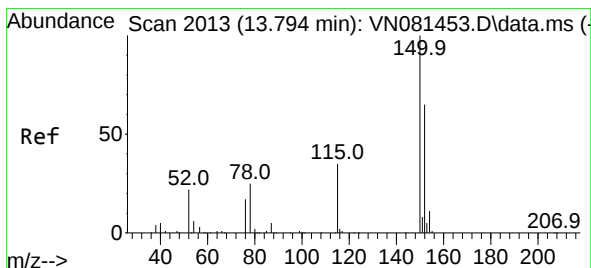
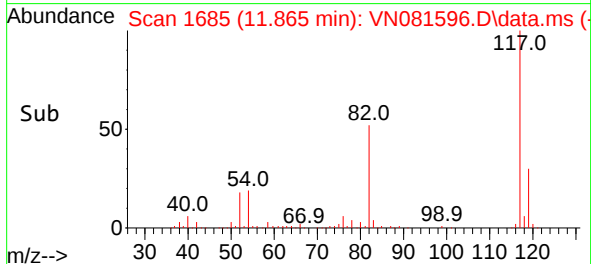
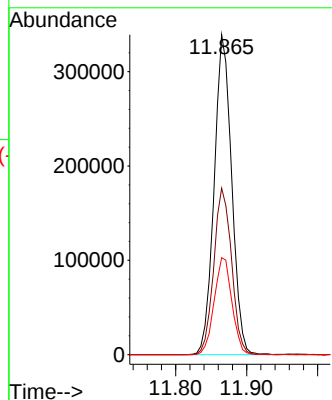
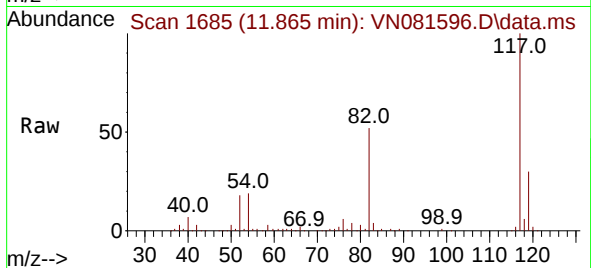
Tgt Ion:117 Resp: 580678

Ion Ratio Lower Upper

117 100

82 52.1 52.7 79.1#

119 30.3 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: VN081596.D

Acq: 28 Mar 2024 10:46

Tgt Ion:152 Resp: 219535

Ion Ratio Lower Upper

152 100

115 64.4 32.3 96.8

150 160.0 0.0 339.8

