

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083393.D
 Acq On : 20 Aug 2024 11:46
 Operator : JC\MD
 Sample : VN0820WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBL01

Quant Time: Aug 21 02:23:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	128299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107256	58.732	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.460%
35) Dibromofluoromethane	8.165	113	86658	53.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.540%
50) Toluene-d8	10.565	98	307110	50.610	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.847	95	141728	59.909	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.820%

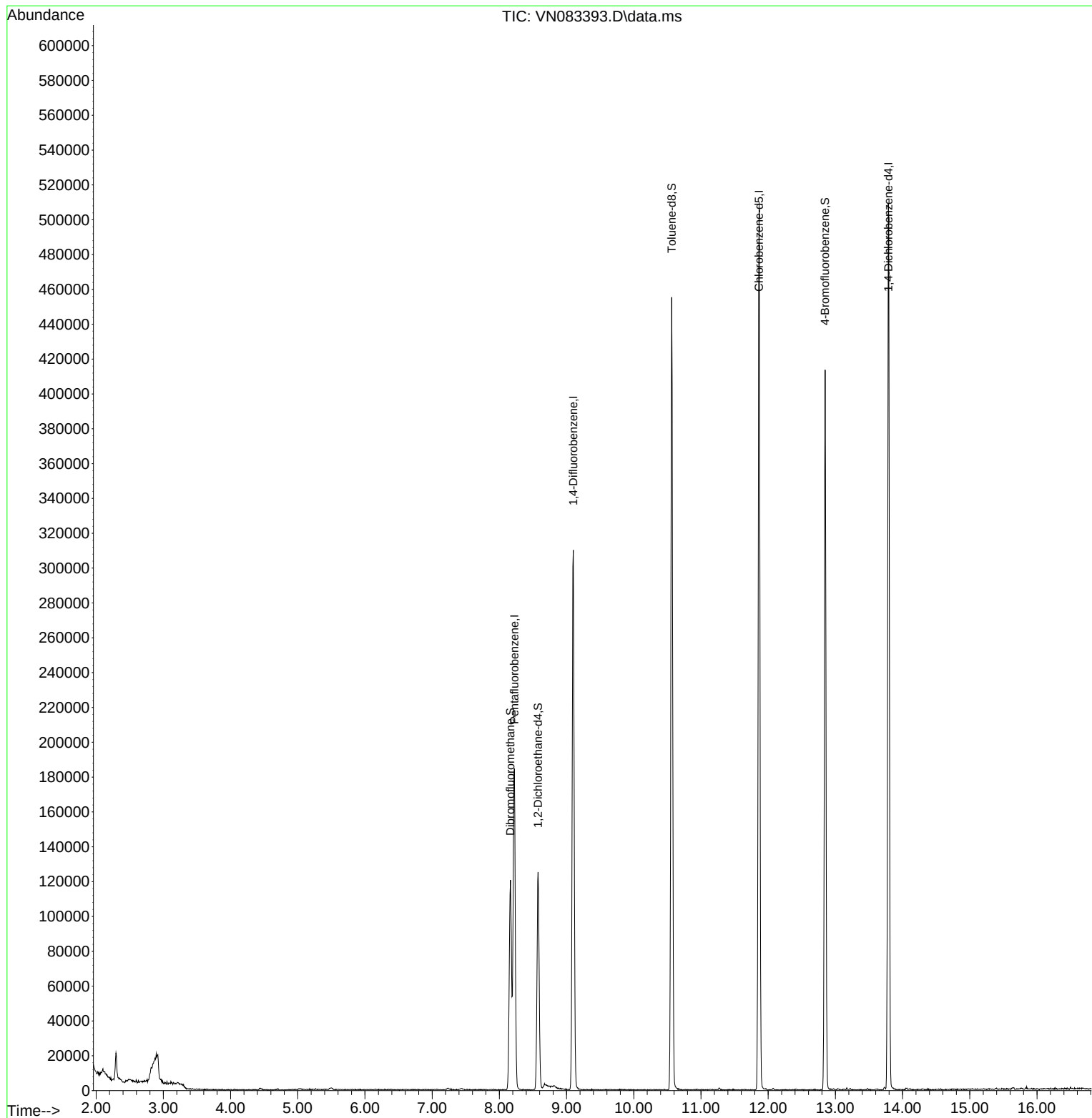
Target Compounds	Qvalue

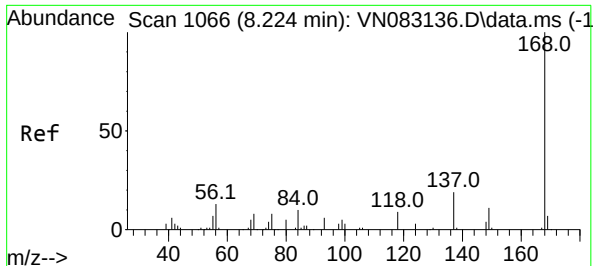
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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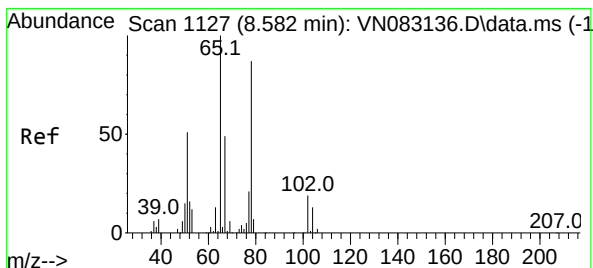
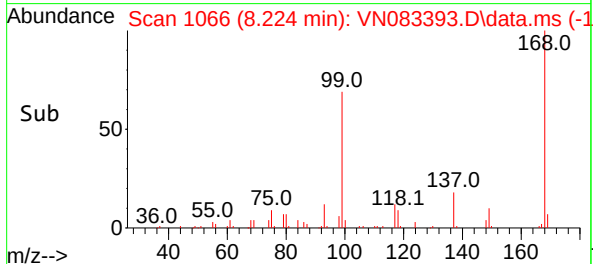
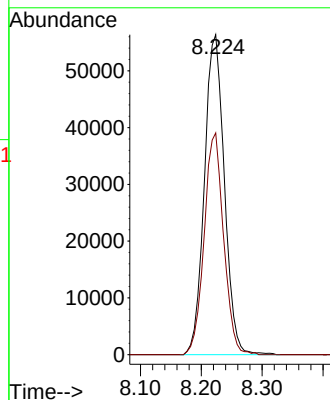
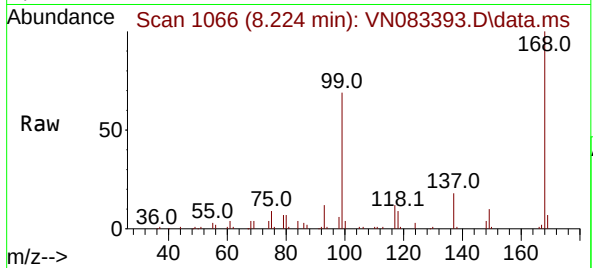




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

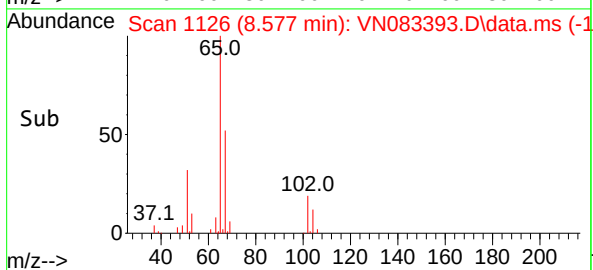
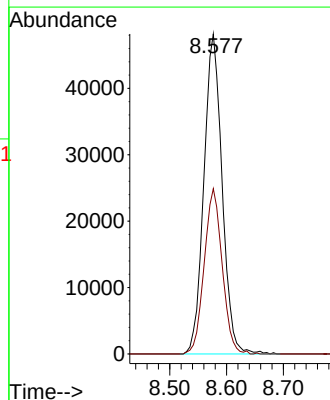
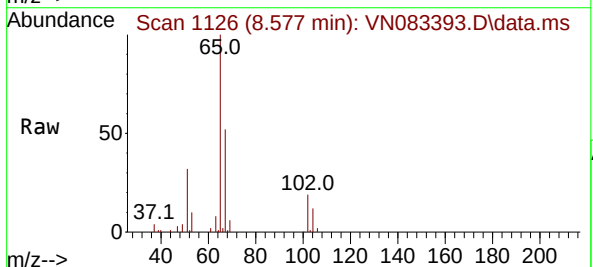
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

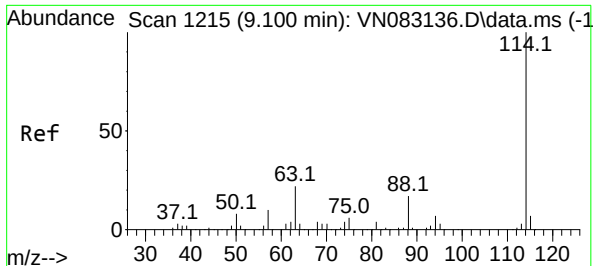
Tgt Ion:168 Resp: 128299
Ion Ratio Lower Upper
168 100
99 69.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.732 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Tgt Ion: 65 Resp: 107256
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4

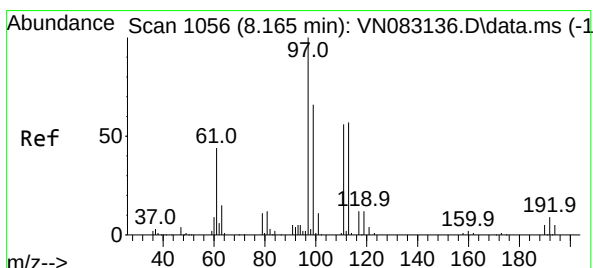
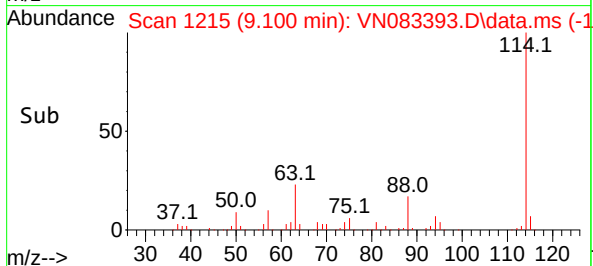
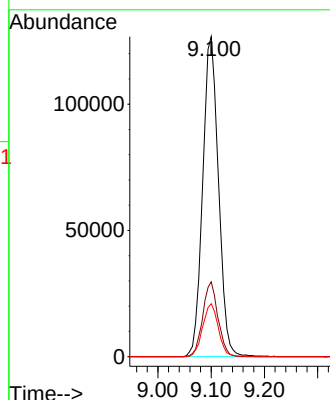
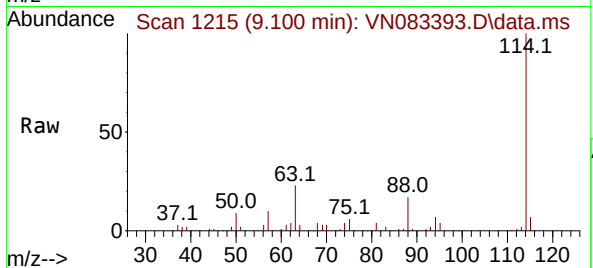




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

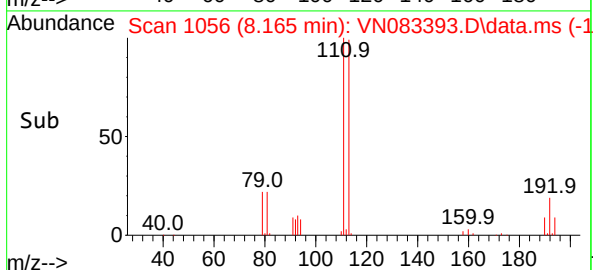
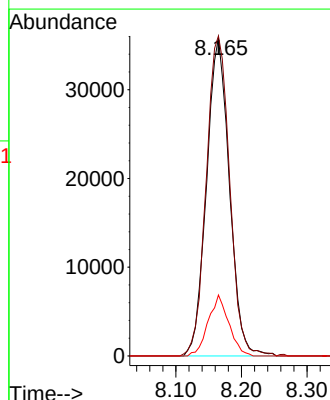
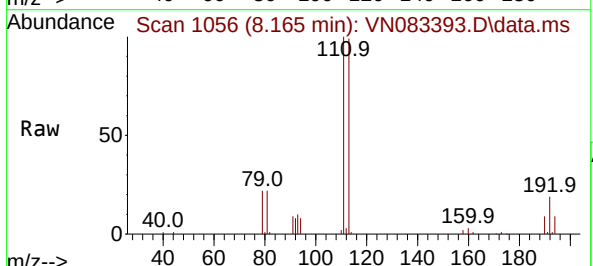
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

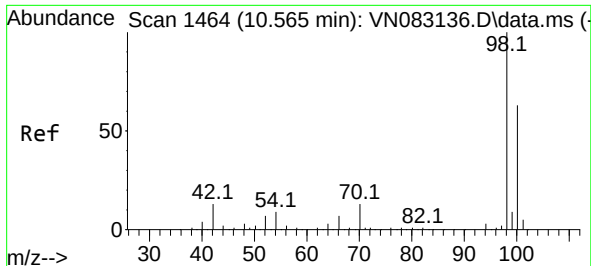
Tgt Ion:114 Resp: 260624
Ion Ratio Lower Upper
114 100
63 23.4 0.0 44.6
88 16.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.270 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Tgt Ion:113 Resp: 86658
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 17.4 14.9 22.3

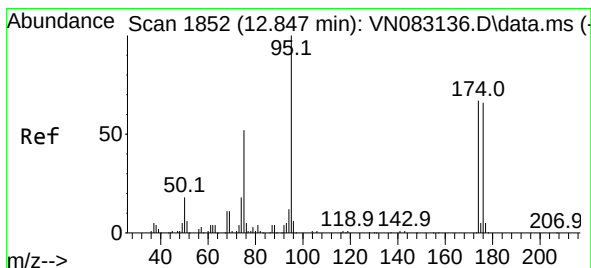
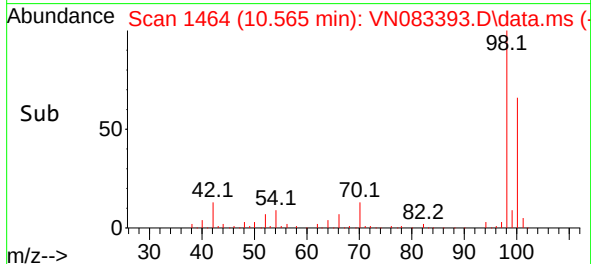
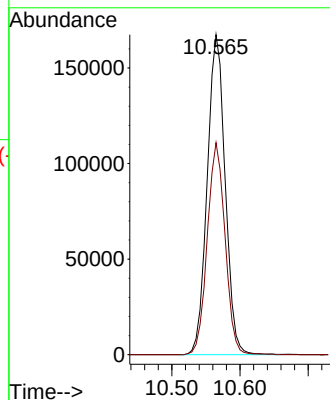
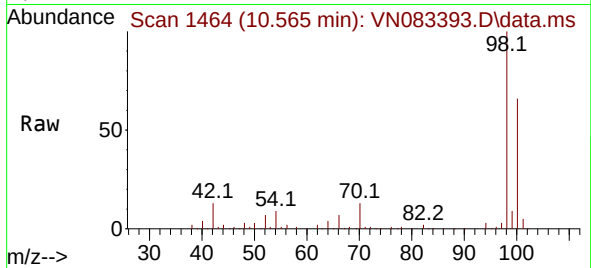




#50
Toluene-d8
Concen: 50.610 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

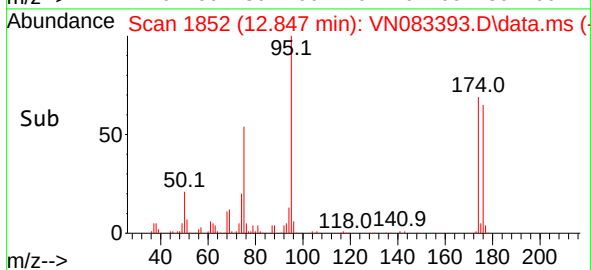
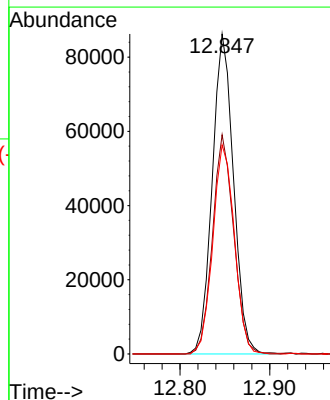
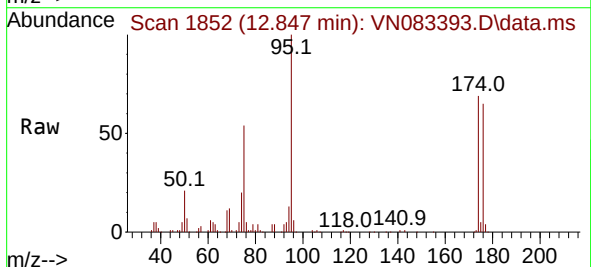
Instrument :
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VN0820WBL01

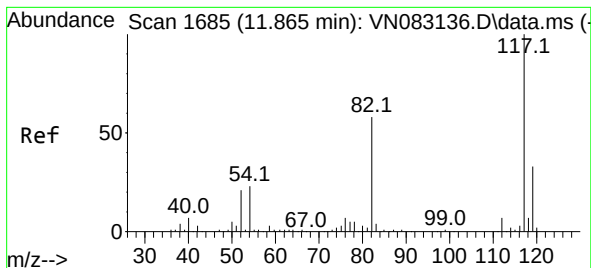
Tgt Ion: 98 Resp: 307110
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 59.909 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Tgt Ion: 95 Resp: 141728
Ion Ratio Lower Upper
95 100
174 68.3 0.0 159.2
176 66.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083393.D

Acq: 20 Aug 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBL01

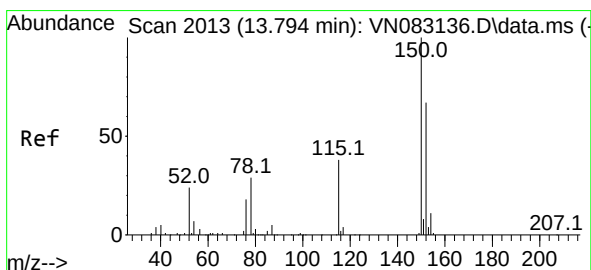
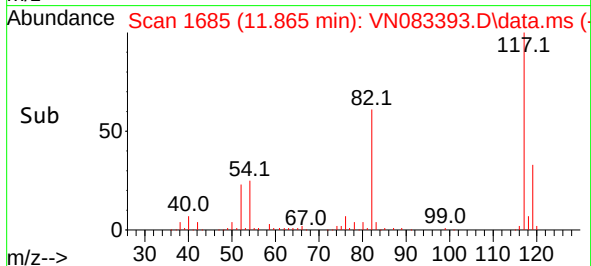
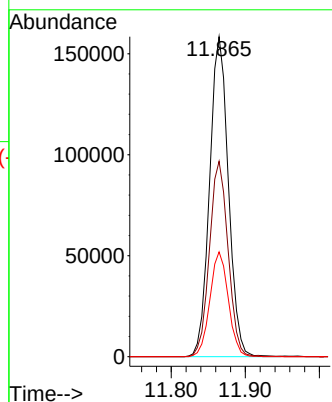
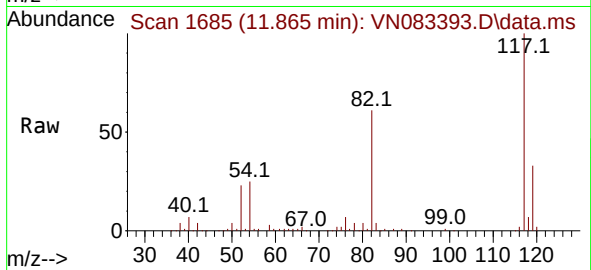
Tgt Ion:117 Resp: 279064

Ion Ratio Lower Upper

117 100

82 61.0 47.5 71.3

119 32.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN083393.D

Acq: 20 Aug 2024 11:46

Tgt Ion:152 Resp: 132428

Ion Ratio Lower Upper

152 100

115 66.4 30.6 91.6

150 160.6 0.0 348.6

