

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080294.D
 Acq On : 28 Nov 2023 14:04
 Operator : JC\MD
 Sample : 05551-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-110

Quant Time: Nov 29 00:36:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138555	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148018	54.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.760%
35) Dibromofluoromethane	8.165	113	120701	52.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.180%
50) Toluene-d8	10.565	98	407695	49.277	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.853	95	154022	49.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.580%

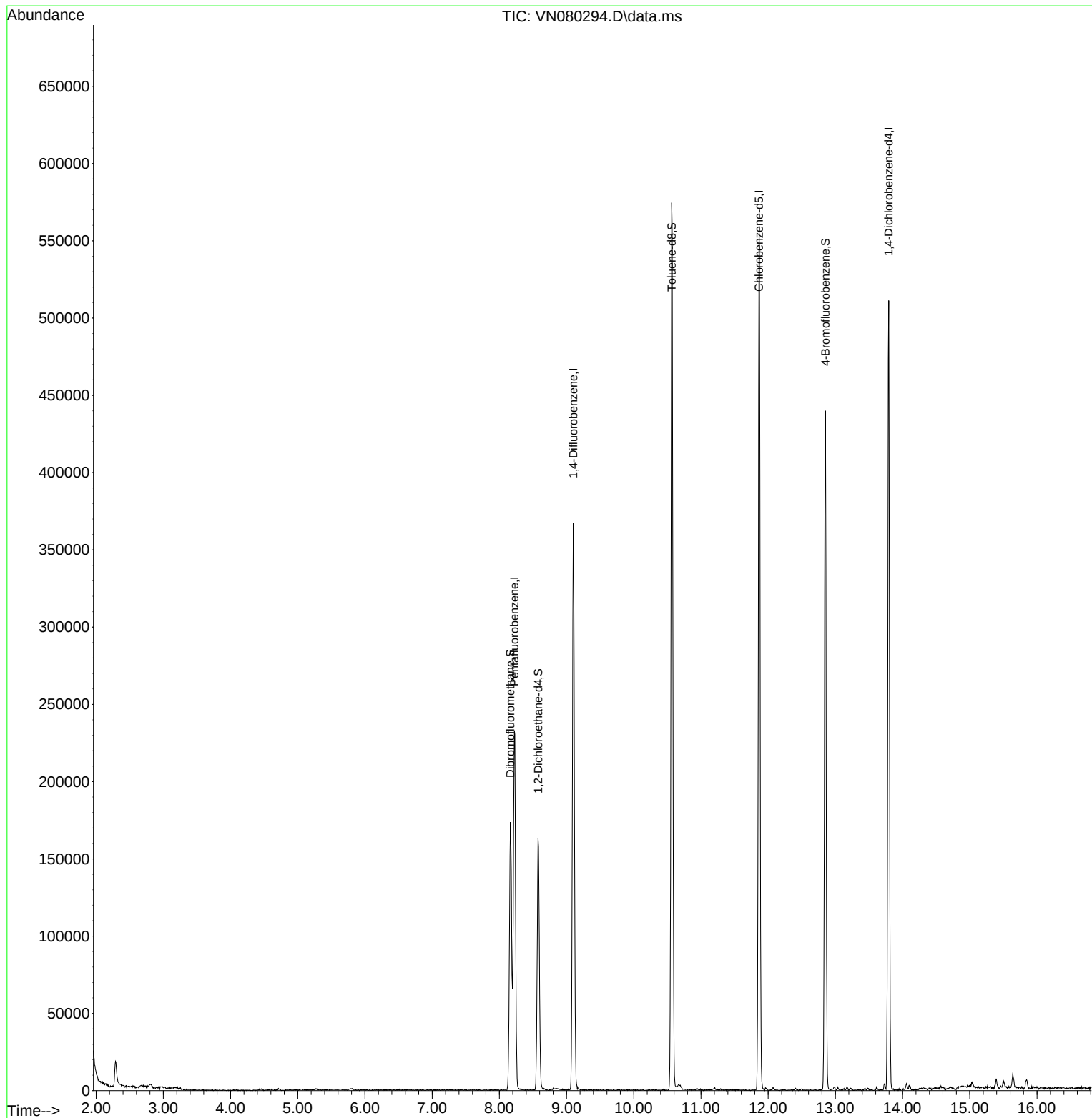
Target Compounds	Qvalue

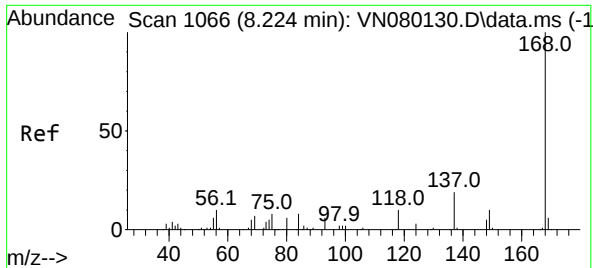
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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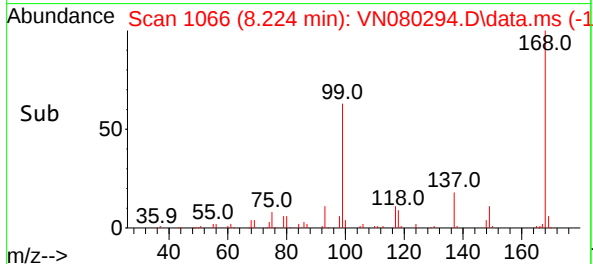
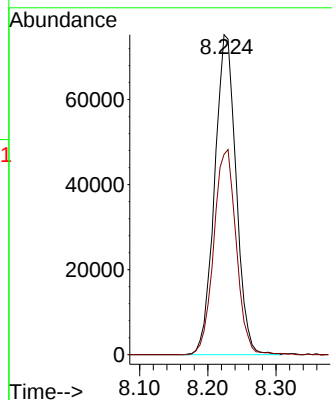
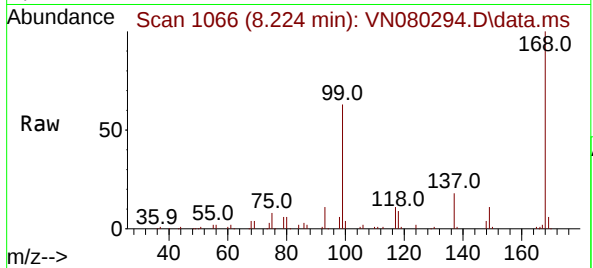




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080294.D
Acq: 28 Nov 2023 14:04

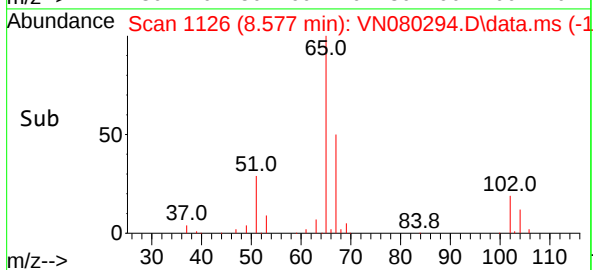
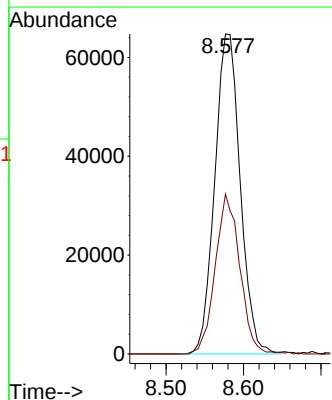
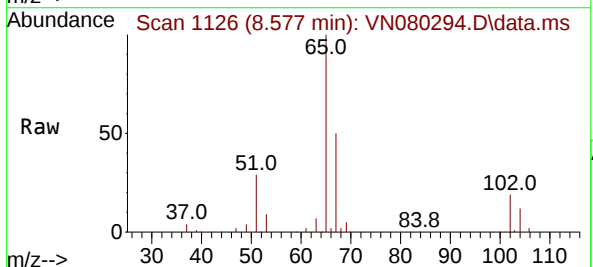
Instrument :
MSVOA_N
ClientSampleId :
MW-110

Tgt Ion:168 Resp: 164861
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.376 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080294.D
Acq: 28 Nov 2023 14:04

Tgt Ion: 65 Resp: 148018
Ion Ratio Lower Upper
65 100
67 48.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080294.D

Acq: 28 Nov 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

MW-110

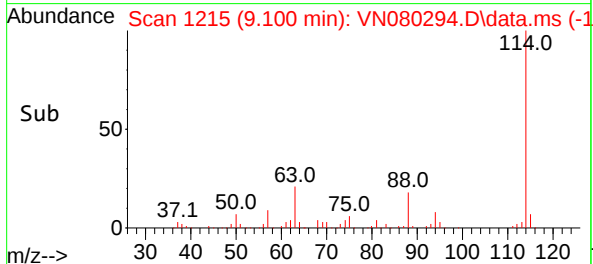
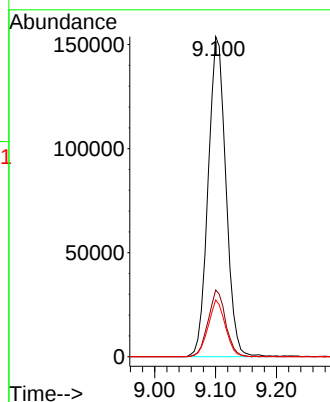
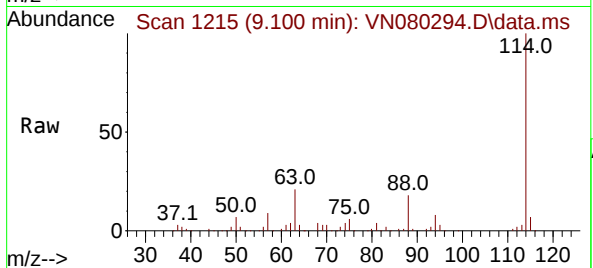
Tgt Ion:114 Resp: 311050

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.590 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080294.D

Acq: 28 Nov 2023 14:04

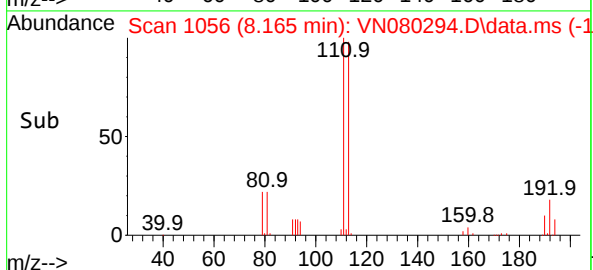
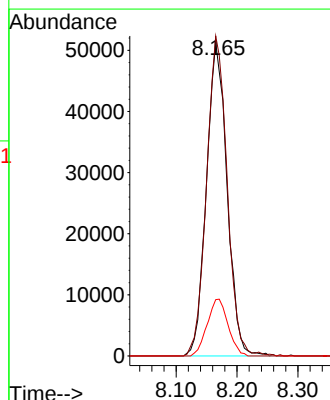
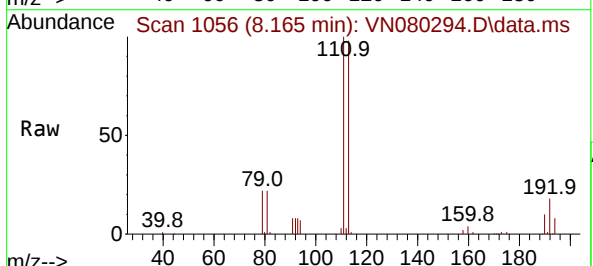
Tgt Ion:113 Resp: 120701

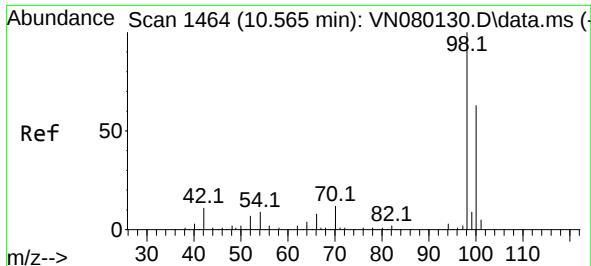
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 18.3 12.7 19.1

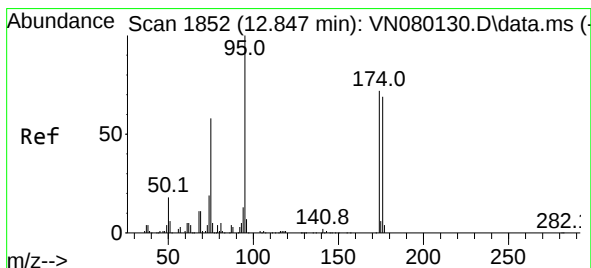
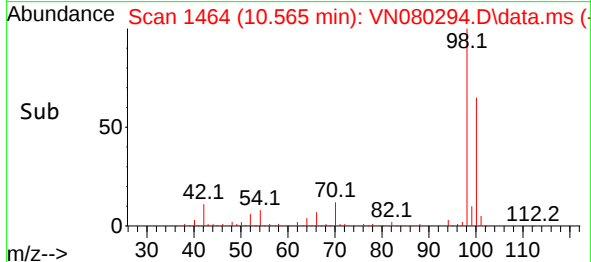
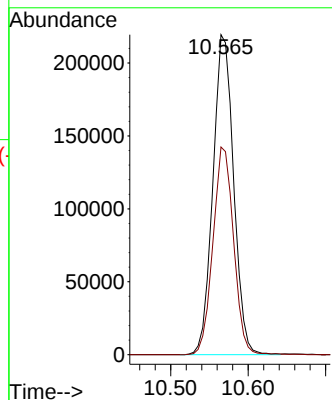
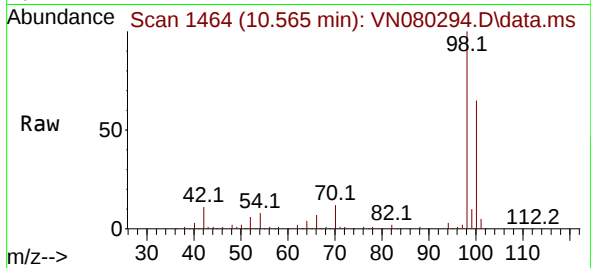




#50
Toluene-d8
Concen: 49.277 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080294.D
Acq: 28 Nov 2023 14:04

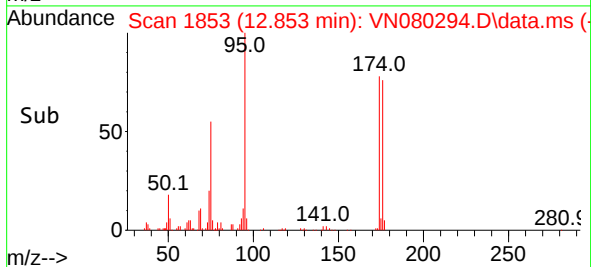
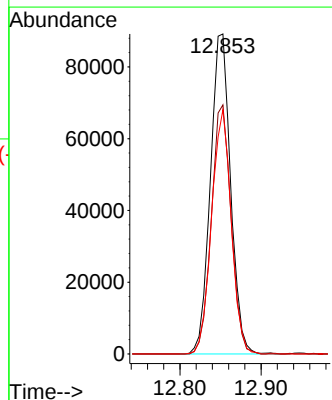
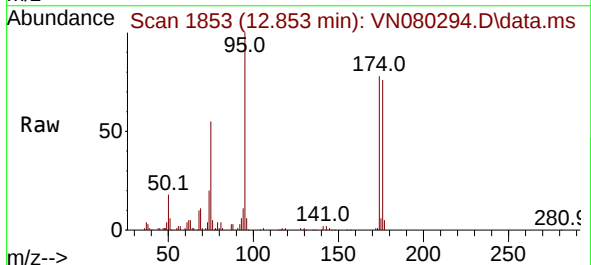
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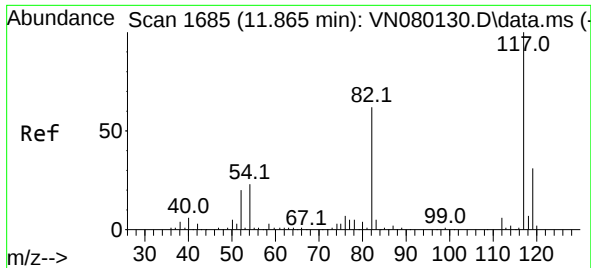
Tgt Ion: 98 Resp: 407695
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.286 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080294.D
Acq: 28 Nov 2023 14:04

Tgt Ion: 95 Resp: 154022
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 74.1 0.0 135.8

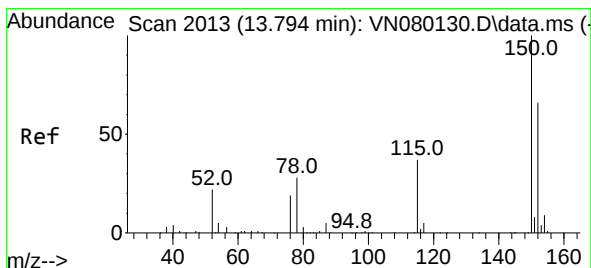
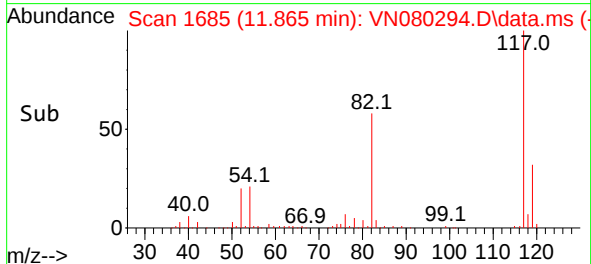
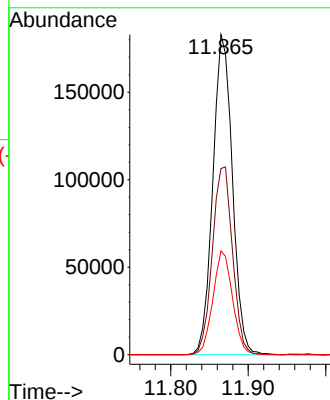
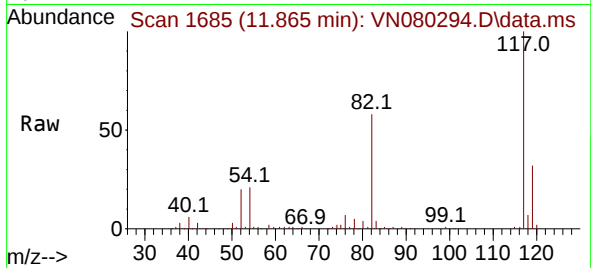




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080294.D
Acq: 28 Nov 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110

Tgt Ion:117 Resp: 320709
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080294.D
Acq: 28 Nov 2023 14:04

Tgt Ion:152 Resp: 138555
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 157.5 0.0 355.8

