

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080385.D
 Acq On : 06 Dec 2023 14:47
 Operator : JC\MD
 Sample : 05631-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Dec 07 01:00:20 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	189365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160281	51.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.520%
35) Dibromofluoromethane	8.165	113	128510	50.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	10.570	98	448727	49.190	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.853	95	181238	52.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.200%

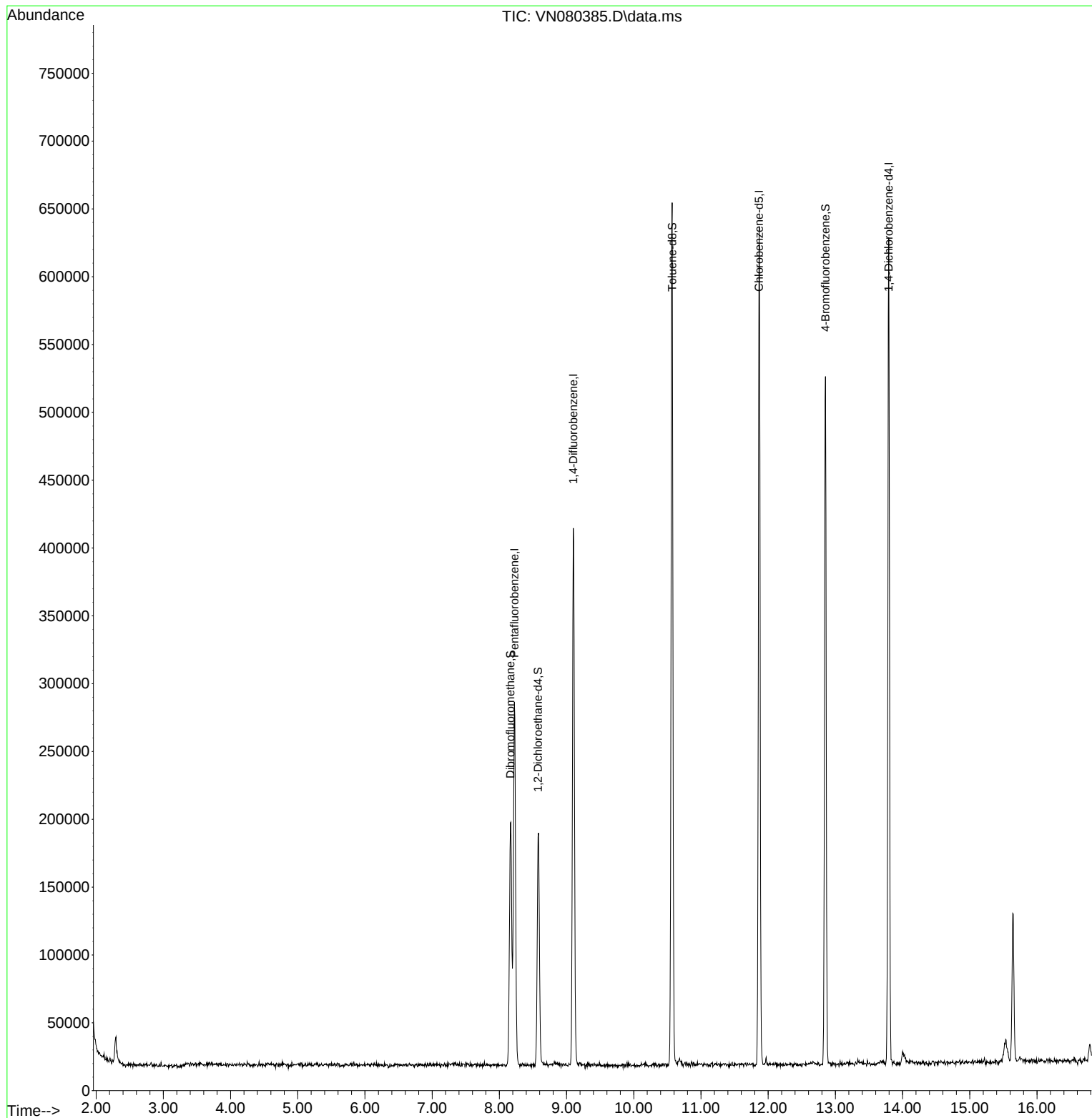
Target Compounds	Qvalue

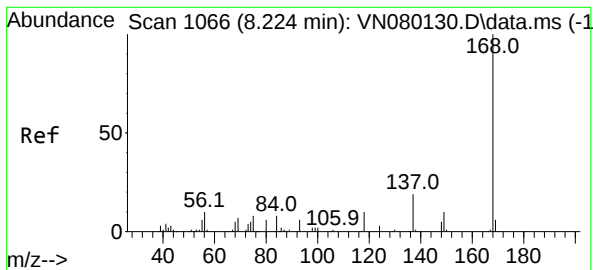
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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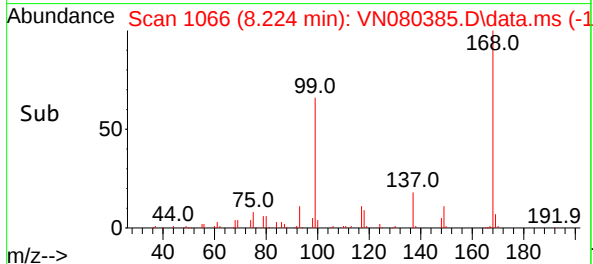
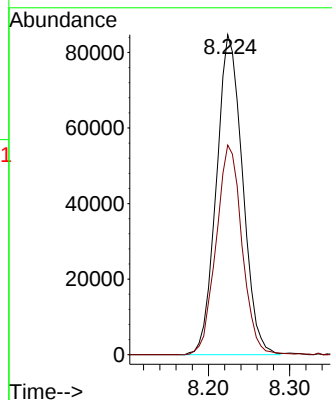
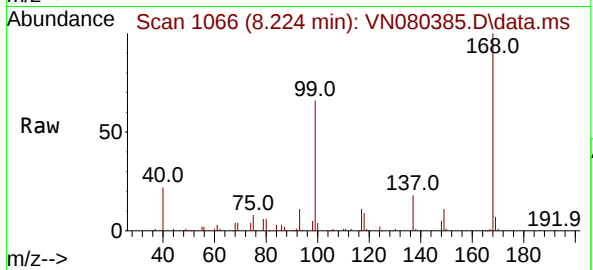




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

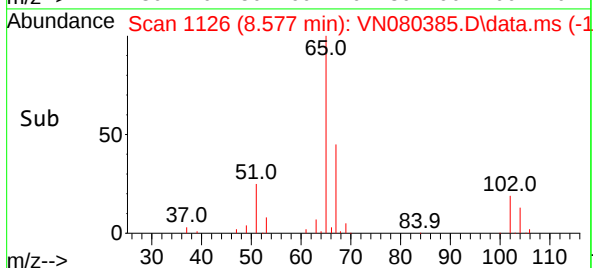
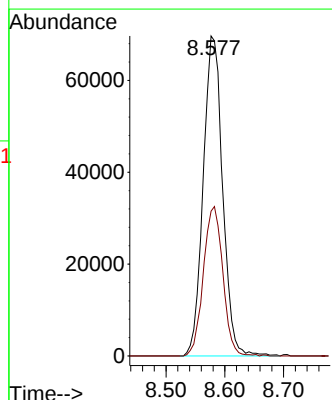
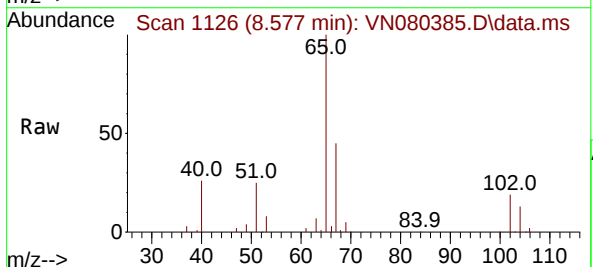
Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 189365
Ion Ratio Lower Upper
168 100
99 65.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.262 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

Tgt Ion: 65 Resp: 160281
Ion Ratio Lower Upper
65 100
67 46.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080385.D

Acq: 06 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

MW-2

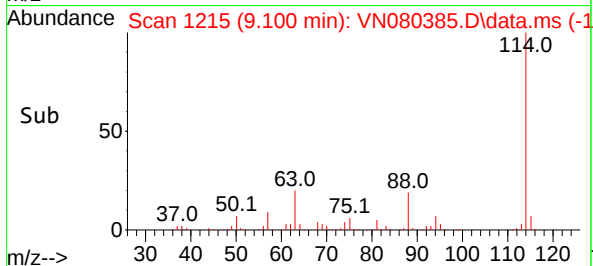
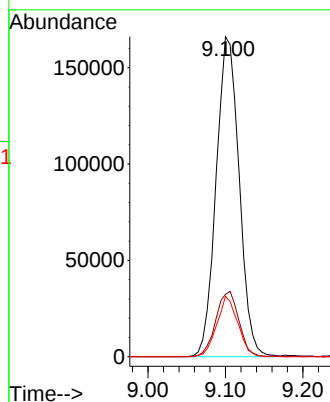
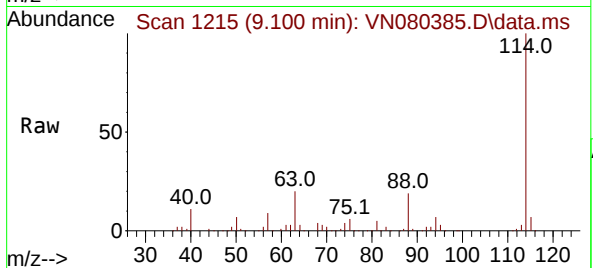
Tgt Ion:114 Resp: 342960

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 18.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.783 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080385.D

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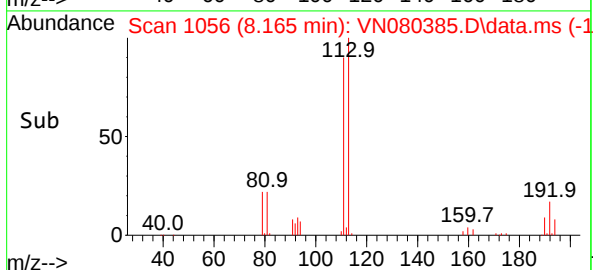
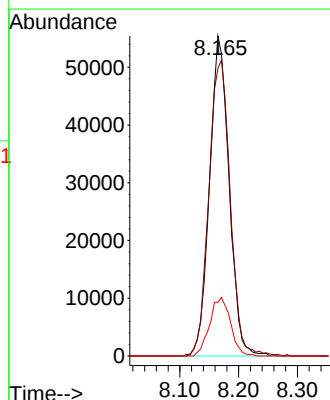
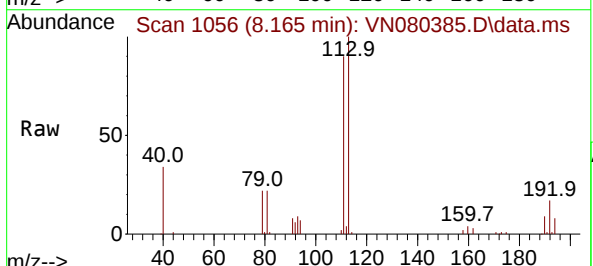
Tgt Ion:113 Resp: 128510

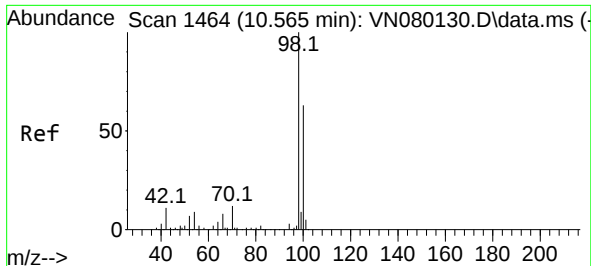
Ion Ratio Lower Upper

113 100

111 100.2 82.6 123.8

192 19.4 12.7 19.1#

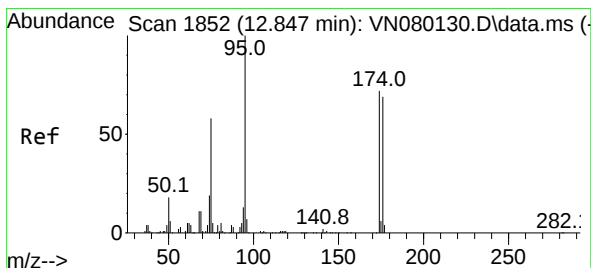
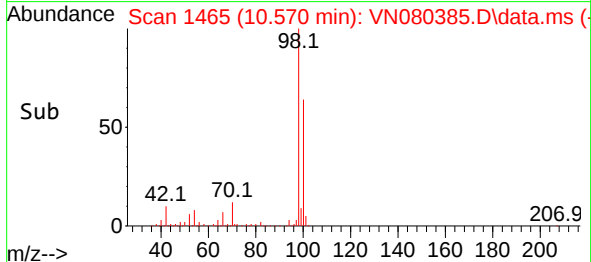
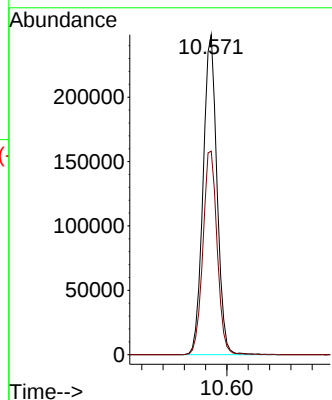
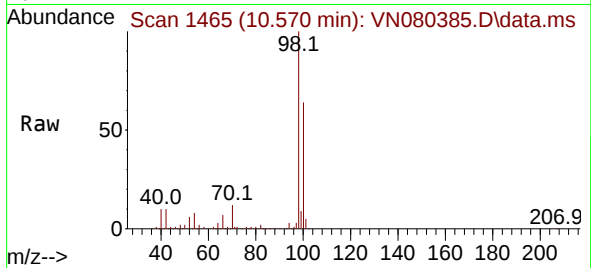




#50
Toluene-d8
Concen: 49.190 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

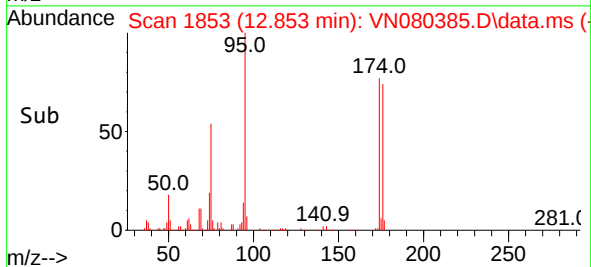
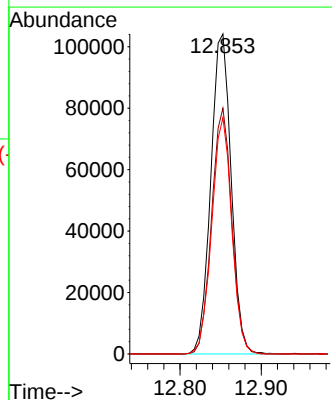
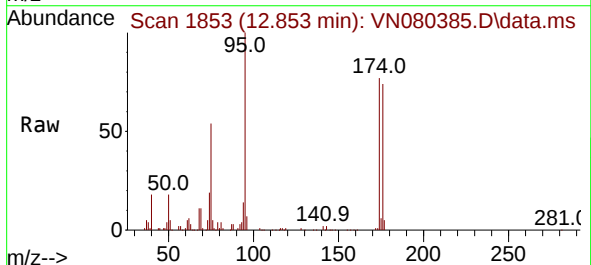
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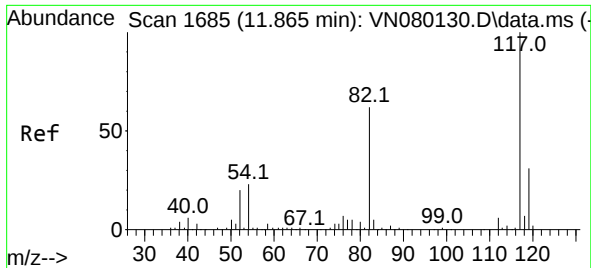
Tgt Ion: 98 Resp: 448727
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.599 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

Tgt Ion: 95 Resp: 181238
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 72.5 0.0 135.8

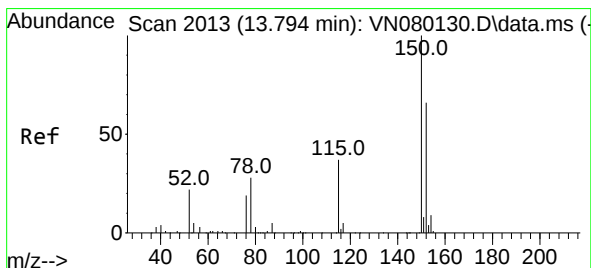
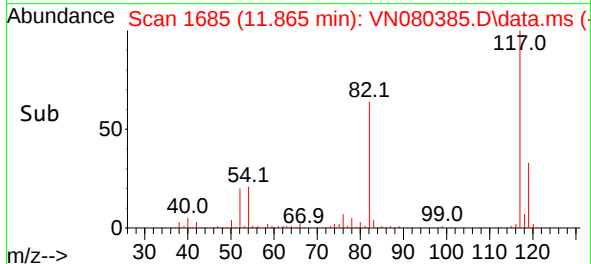
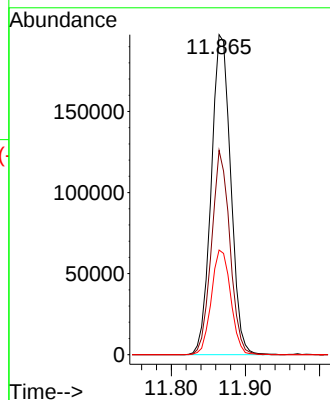
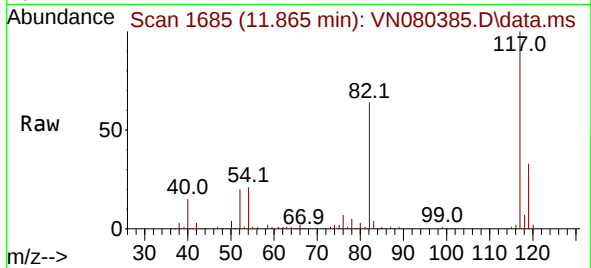




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:117 Resp: 359896
Ion Ratio Lower Upper
117 100
82 63.9 44.0 66.0
119 32.7 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: VN080385.D
Acq: 06 Dec 2023 14:47

Tgt Ion:152 Resp: 164479
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 155.4 0.0 355.8

