

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076300.D
 Acq On : 18 Jan 2023 17:30
 Operator : JC\MD
 Sample : 01190-05
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-4

Quant Time: Jan 19 00:52:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	387837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	597527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	500899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212779	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	195961	45.126	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.260%
35) Dibromofluoromethane	8.171	113	171401	45.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.720%
50) Toluene-d8	10.565	98	683986	49.550	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.853	95	208214	46.204	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.400%

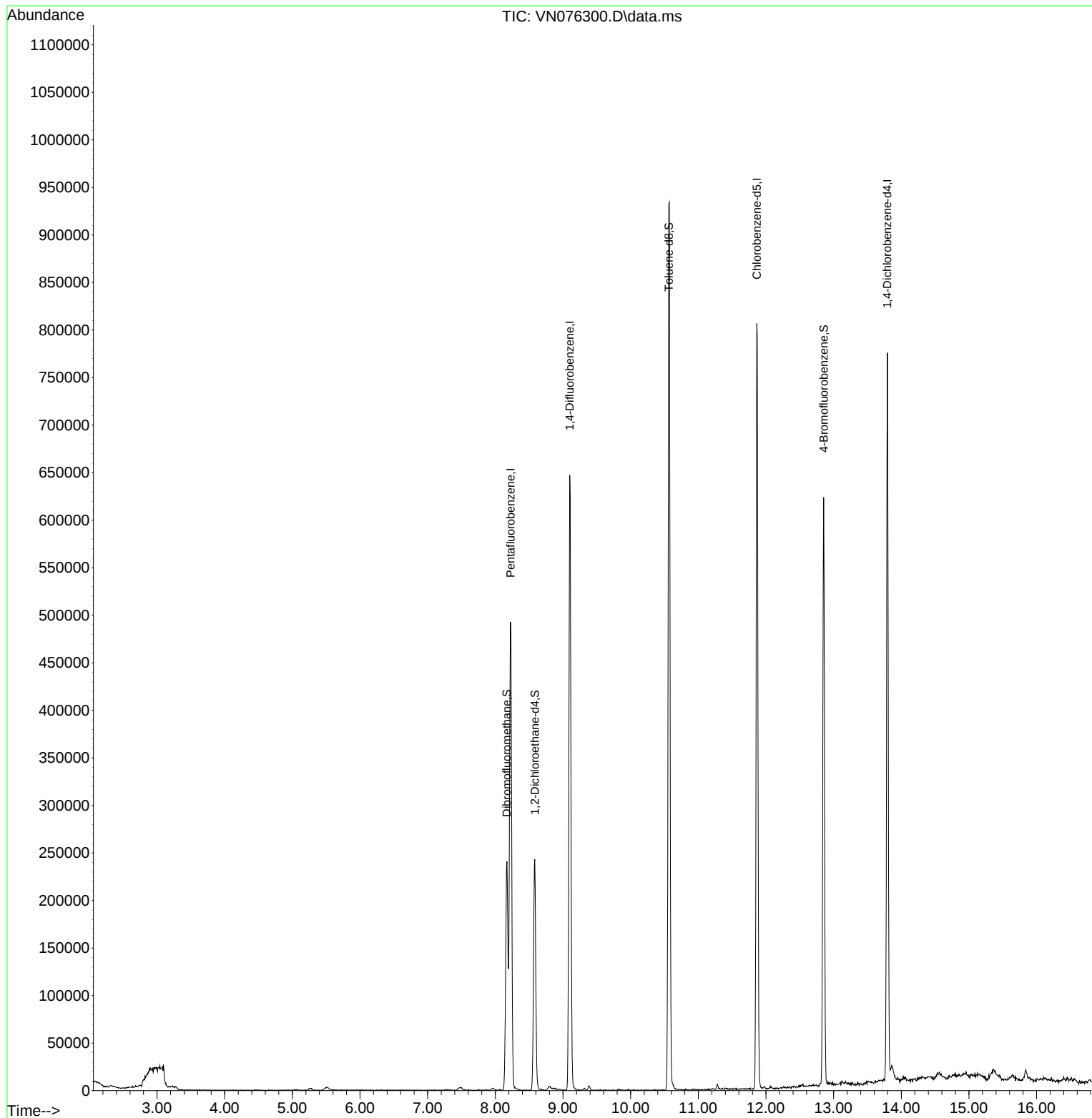
Target Compounds	Qvalue

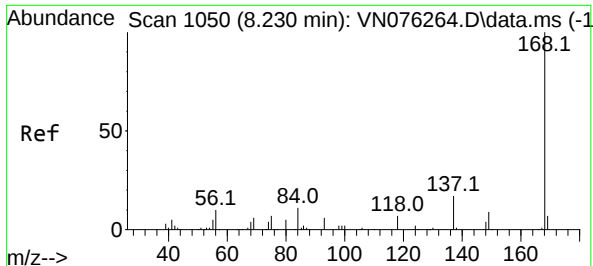
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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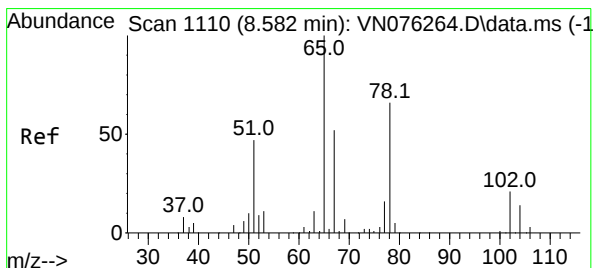
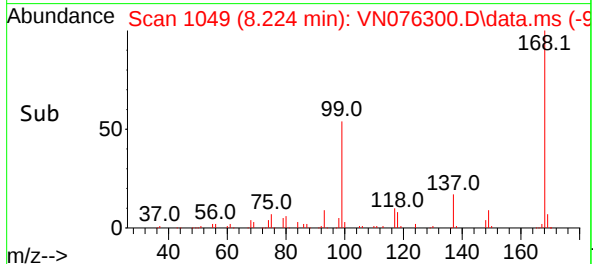
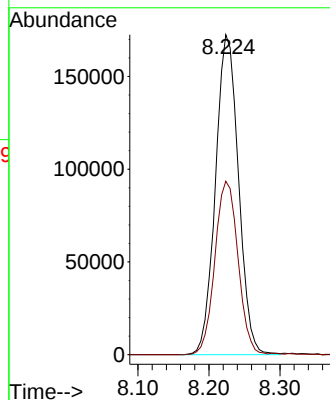
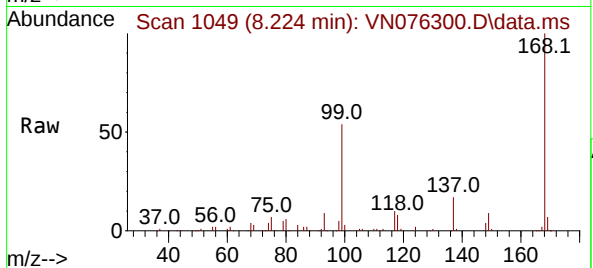




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

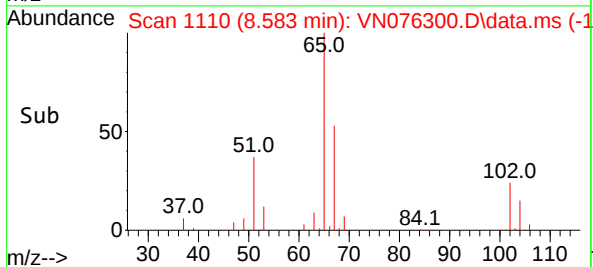
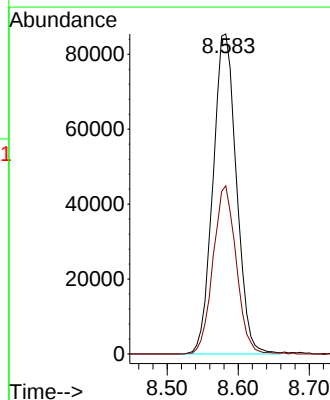
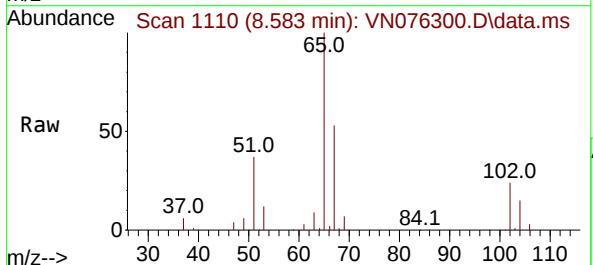
Instrument :
MSVOA_N
ClientSampleId :
PE-4

Tgt Ion:168 Resp: 387837
Ion Ratio Lower Upper
168 100
99 54.2 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 45.126 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Tgt Ion: 65 Resp: 195961
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076300.D

Acq: 18 Jan 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

PE-4

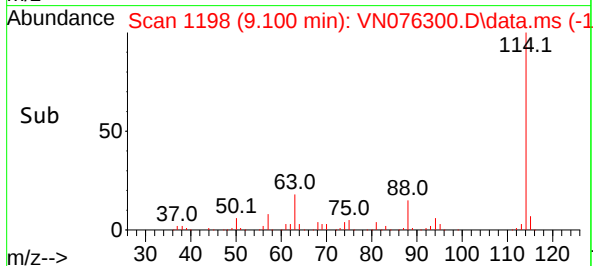
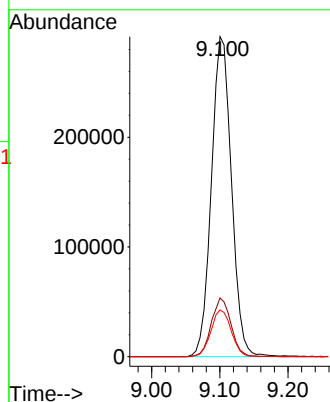
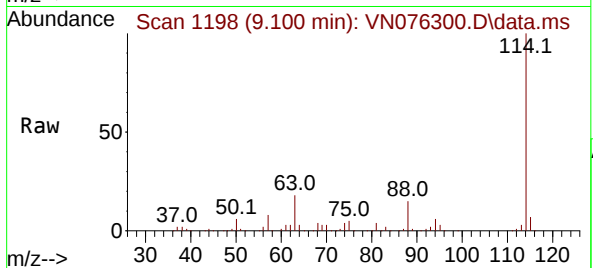
Tgt Ion:114 Resp: 597527

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.6 0.0 28.0



#35

Dibromofluoromethane

Concen: 45.856 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076300.D

Acq: 18 Jan 2023 17:30

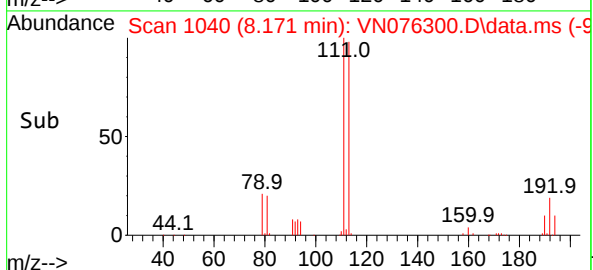
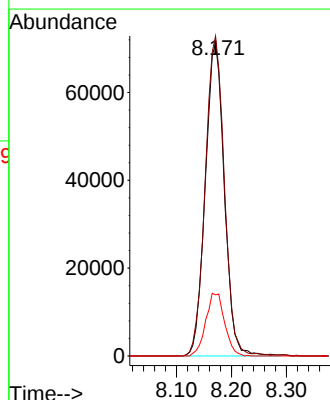
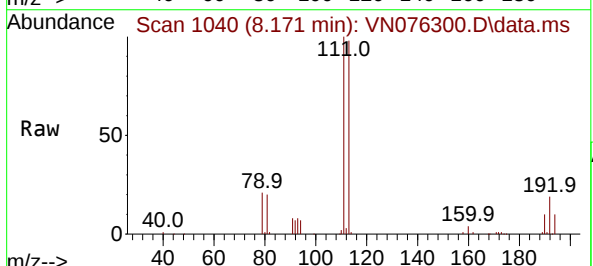
Tgt Ion:113 Resp: 171401

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 19.9 15.6 23.4

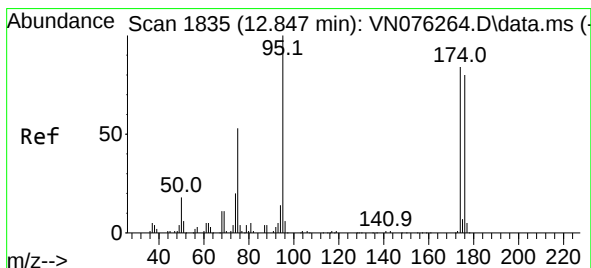
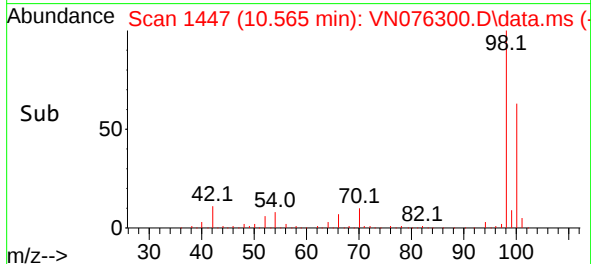
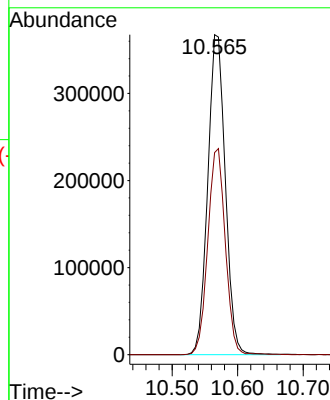
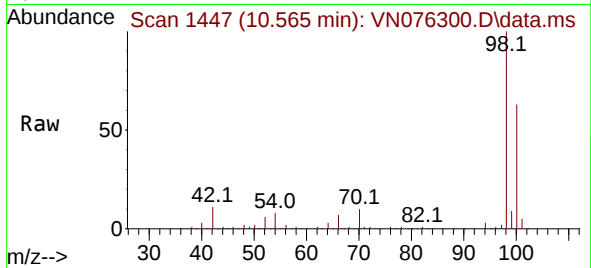




#50
Toluene-d8
Concen: 49.550 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

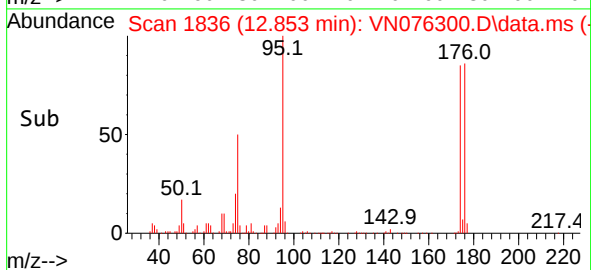
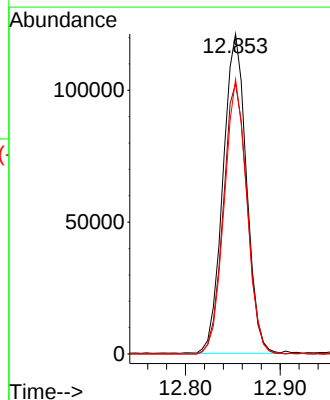
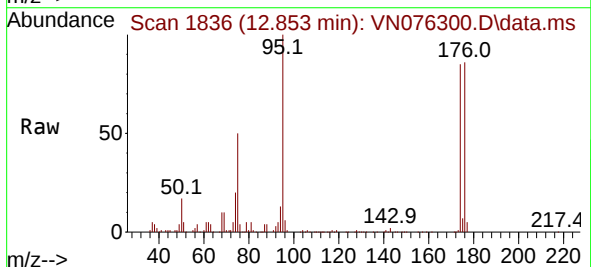
Instrument :
MSVOA_N
ClientSampleId :
PE-4

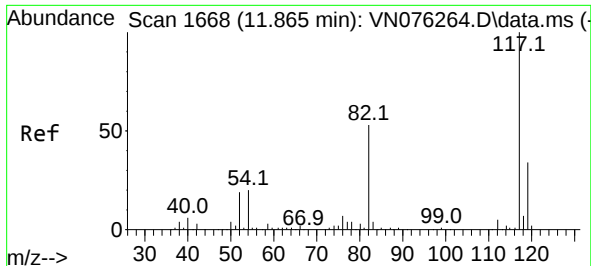
Tgt Ion: 98 Resp: 683986
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.204 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Tgt Ion: 95 Resp: 208214
Ion Ratio Lower Upper
95 100
174 85.7 0.0 174.6
176 83.2 0.0 167.8

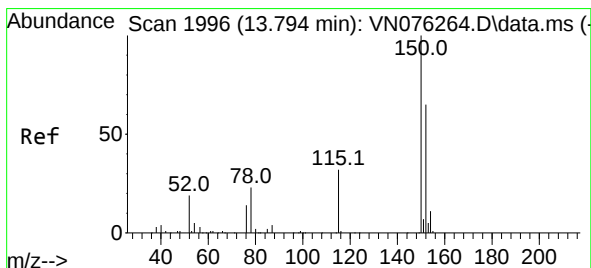
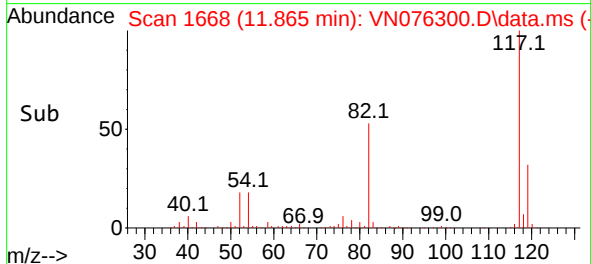
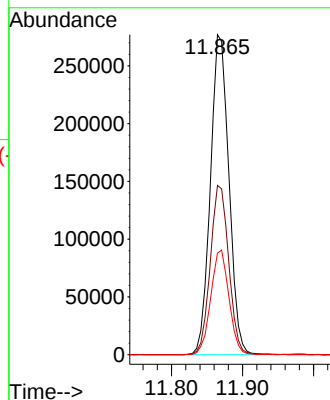
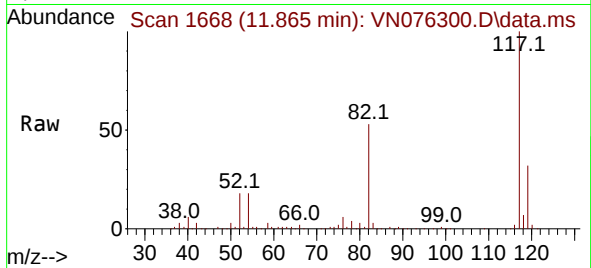




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Instrument :
MSVOA_N
ClientSampleId :
PE-4

Tgt Ion:117 Resp: 500899
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 31.7 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Tgt Ion:152 Resp: 212779
Ion Ratio Lower Upper
152 100
115 57.7 29.6 88.9
150 156.1 0.0 351.4

