

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076017.D
 Acq On : 28 Dec 2022 22:55
 Operator : JC\MD
 Sample : VN1228WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBL02

Quant Time: Dec 29 07:21:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	378316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	595222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	505936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219970	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	188303	45.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.500%
35) Dibromofluoromethane	8.177	113	171720	46.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	10.571	98	668089	48.475	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.853	95	212562	46.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.140%

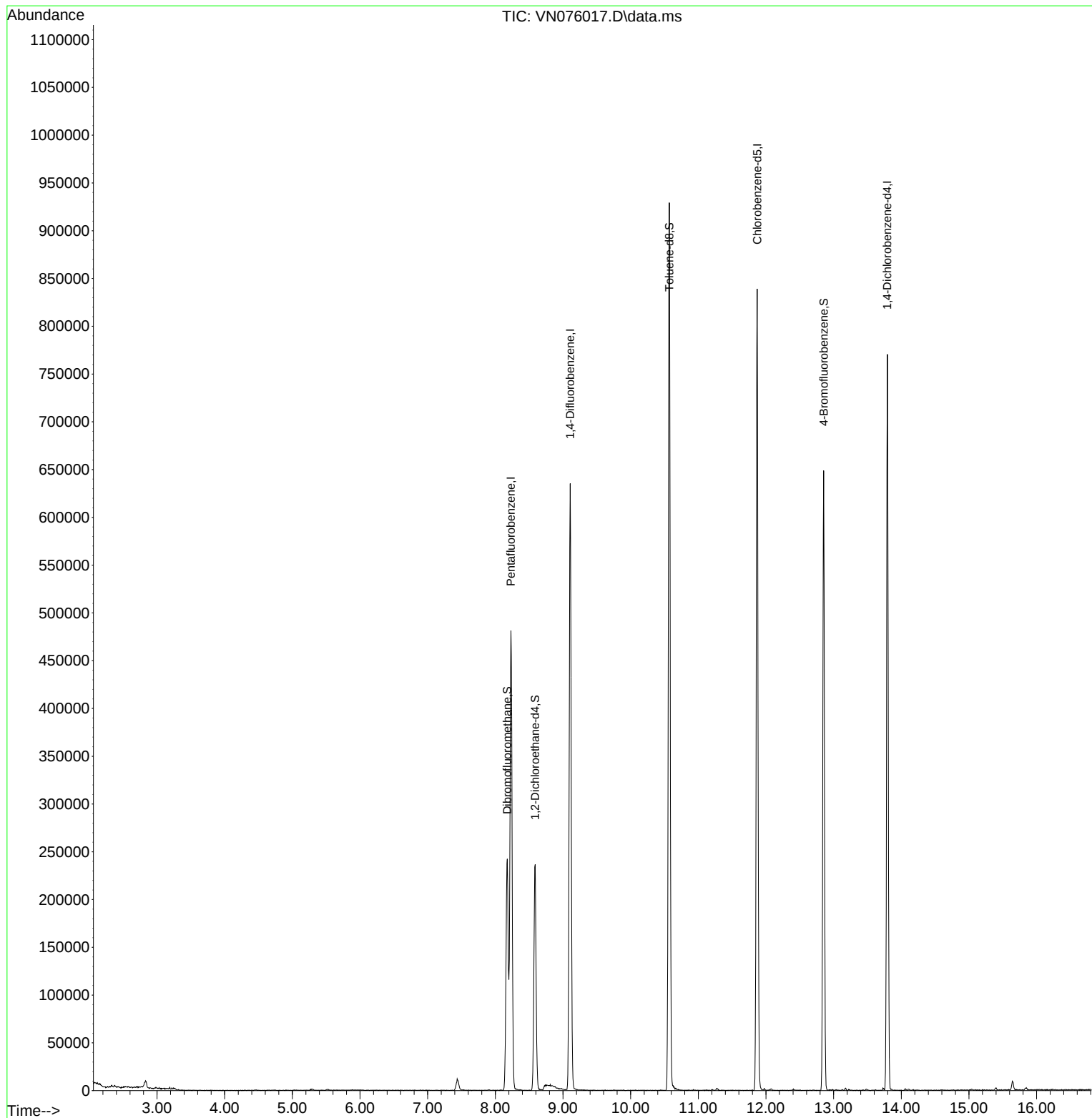
Target Compounds	Qvalue

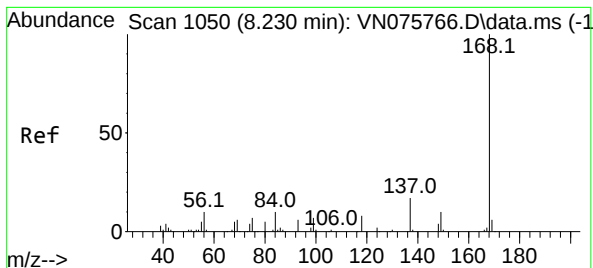
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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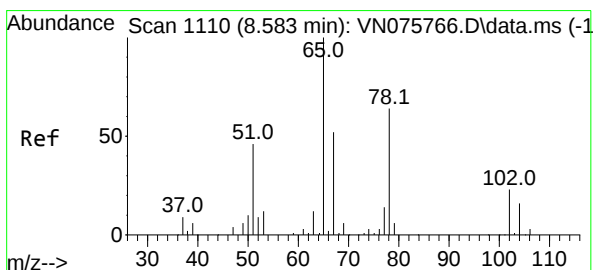
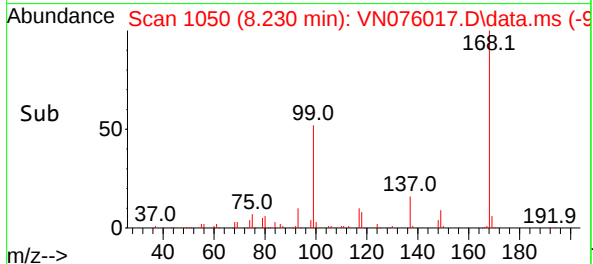
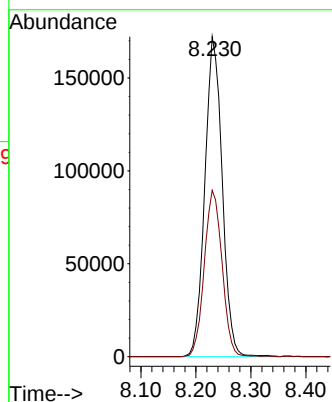
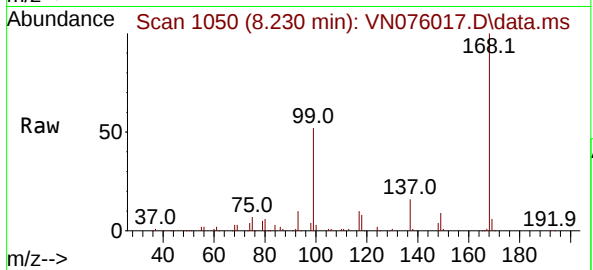




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076017.D
Acq: 28 Dec 2022 22:55

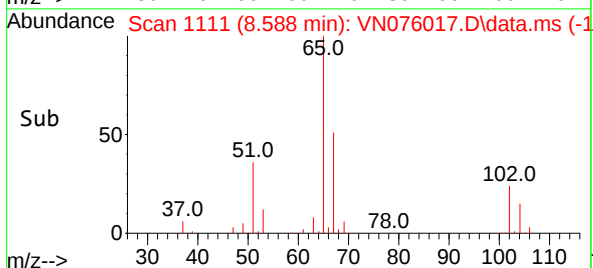
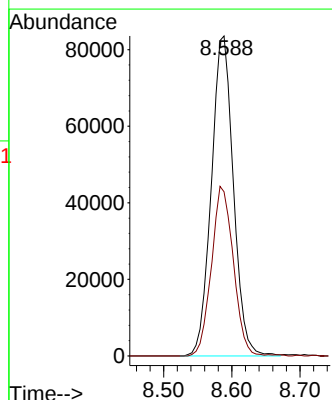
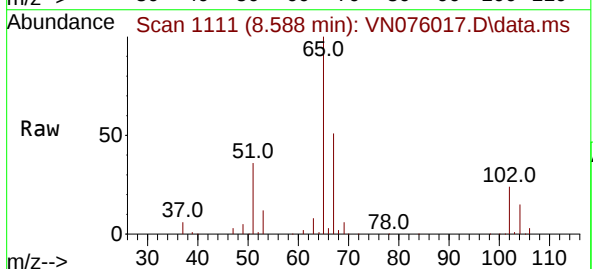
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL02

Tgt Ion:168 Resp: 378316
Ion Ratio Lower Upper
168 100
99 52.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.752 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076017.D
Acq: 28 Dec 2022 22:55

Tgt Ion: 65 Resp: 188303
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076017.D

Acq: 28 Dec 2022 22:55

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBL02

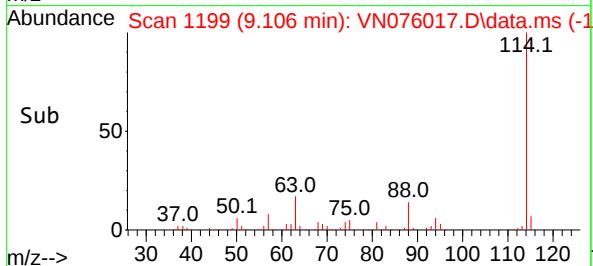
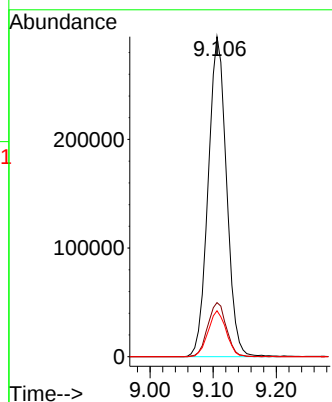
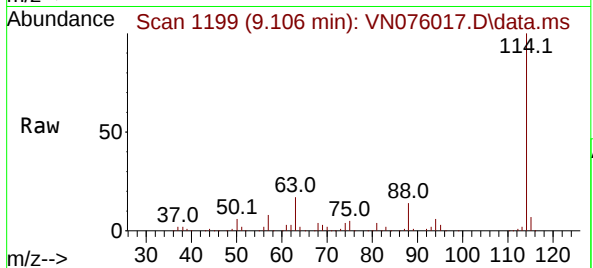
Tgt Ion:114 Resp: 595222

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.586 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076017.D

Acq: 28 Dec 2022 22:55

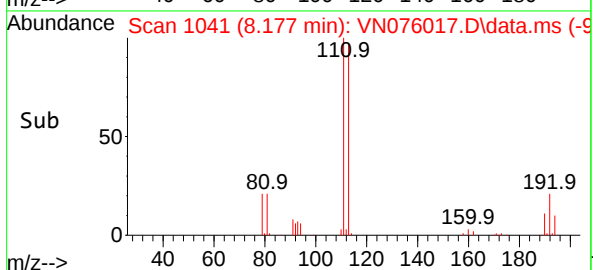
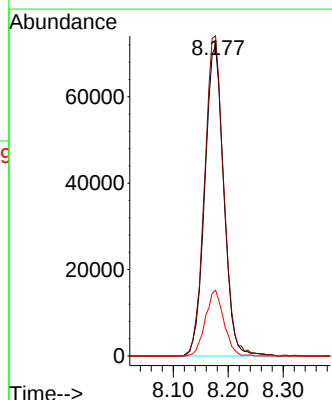
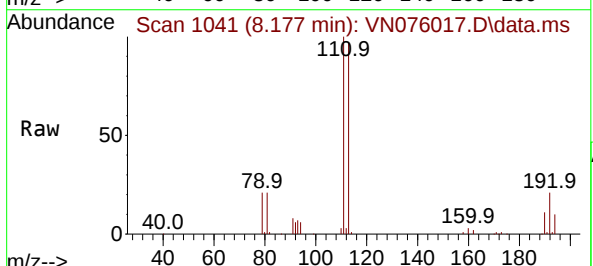
Tgt Ion:113 Resp: 171720

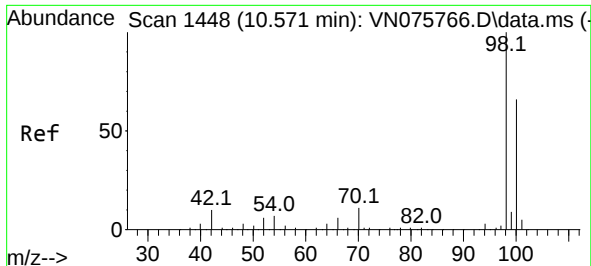
Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.2

192 20.7 16.1 24.1

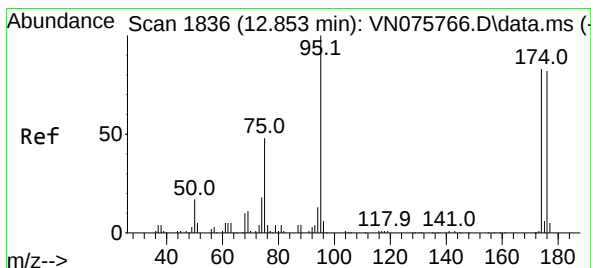
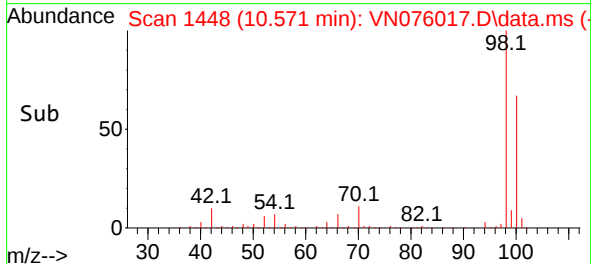
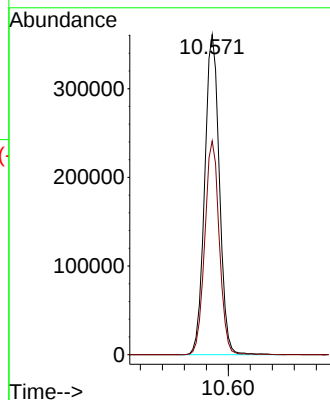
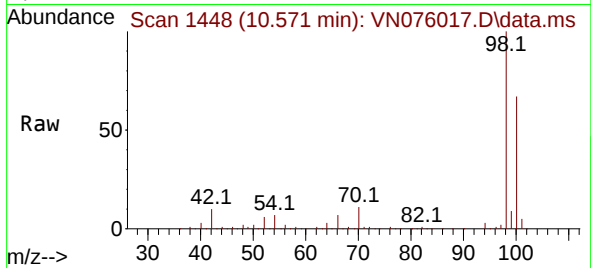




#50
Toluene-d8
Concen: 48.475 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076017.D
Acq: 28 Dec 2022 22:55

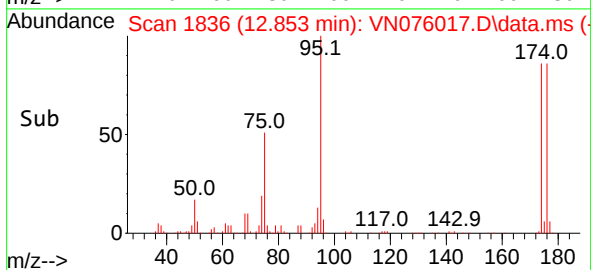
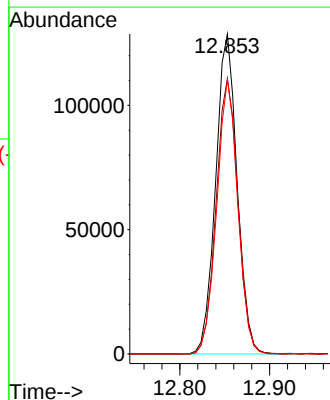
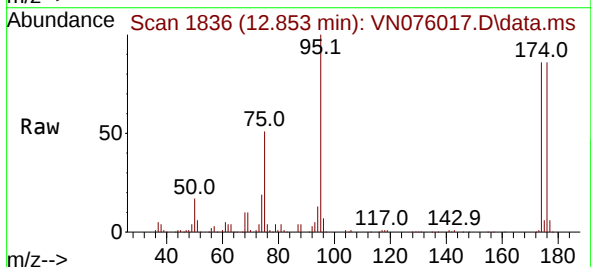
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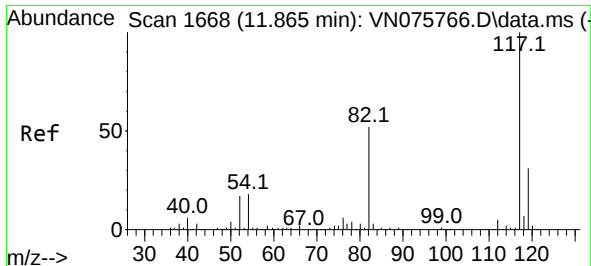
Tgt Ion: 98 Resp: 668089
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.566 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076017.D
Acq: 28 Dec 2022 22:55

Tgt Ion: 95 Resp: 212562
Ion Ratio Lower Upper
95 100
174 88.4 0.0 171.6
176 84.6 0.0 169.2

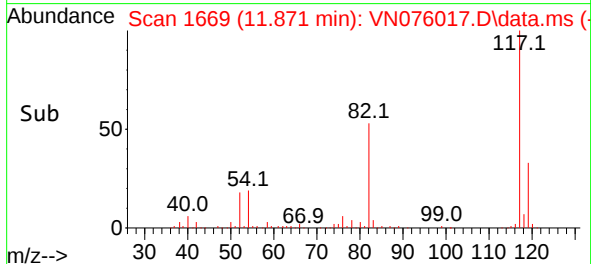
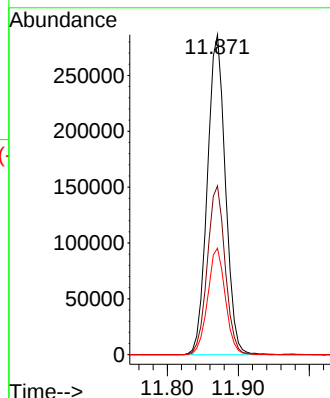
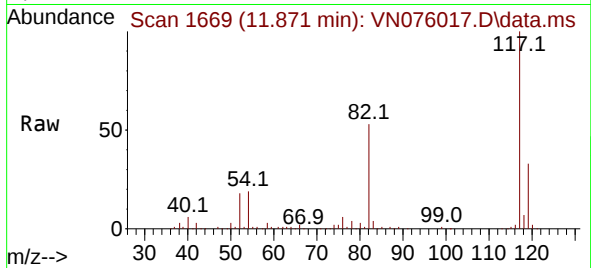




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076017.D
Acq: 28 Dec 2022 22:55

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL02

Tgt Ion:117 Resp: 505936
Ion Ratio Lower Upper
117 100
82 52.7 41.3 61.9
119 33.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076017.D
Acq: 28 Dec 2022 22:55

Tgt Ion:152 Resp: 219970
Ion Ratio Lower Upper
152 100
115 55.8 29.1 87.4
150 154.5 0.0 347.0

