

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076339.D
 Acq On : 20 Jan 2023 11:25
 Operator : JC\MD
 Sample : VN0120WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBL01

Quant Time: Jan 20 22:12:15 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	8.230	168	490775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	773684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	657515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261220	47.537	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.080%
35) Dibromofluoromethane	8.171	113	235603	48.681	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	10.571	98	888086	49.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.853	95	265409	45.486	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.980%

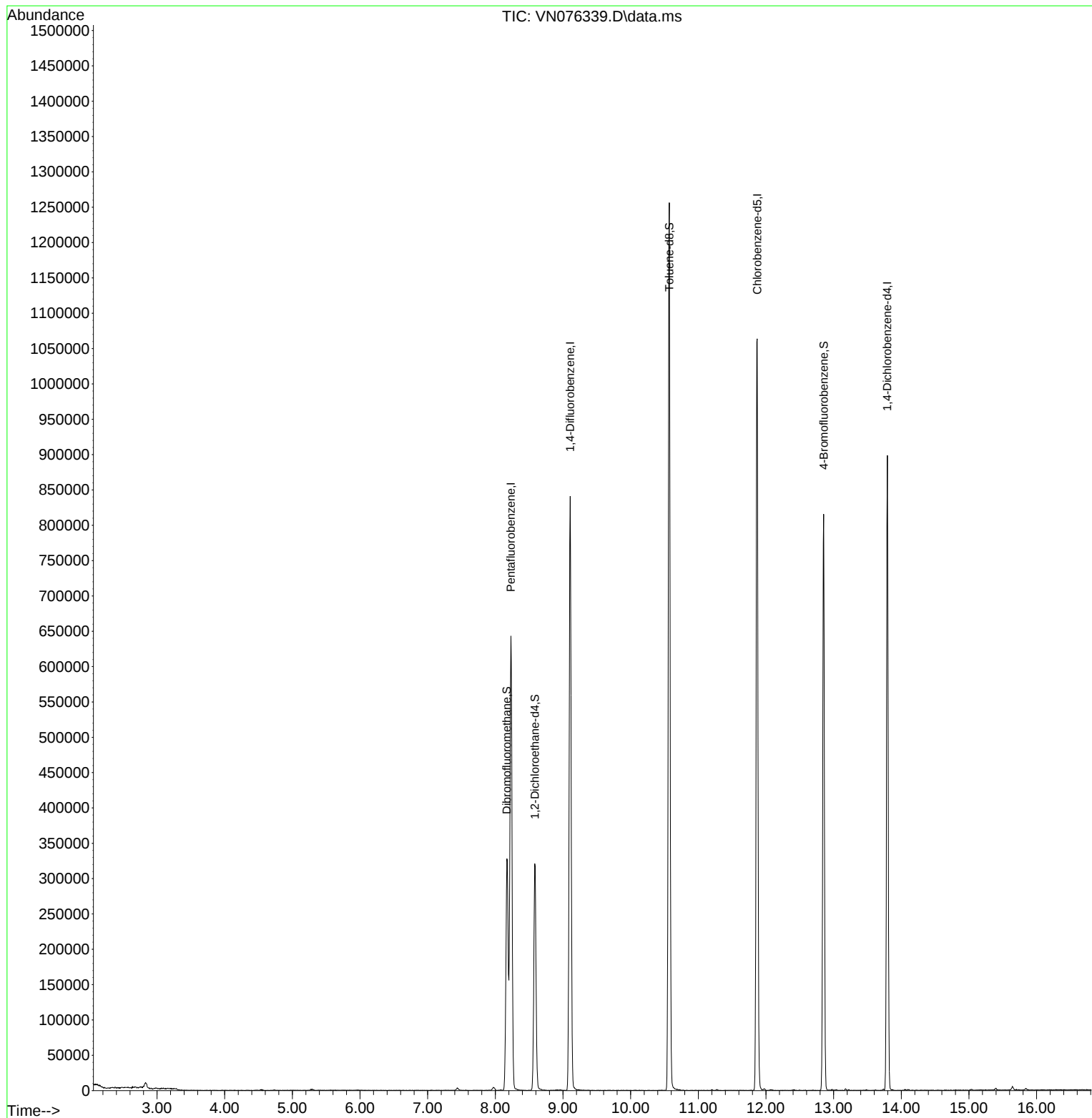
Target Compounds	Qvalue

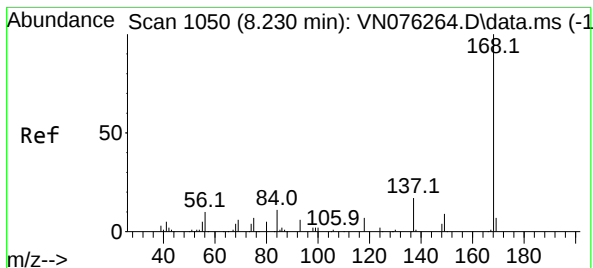
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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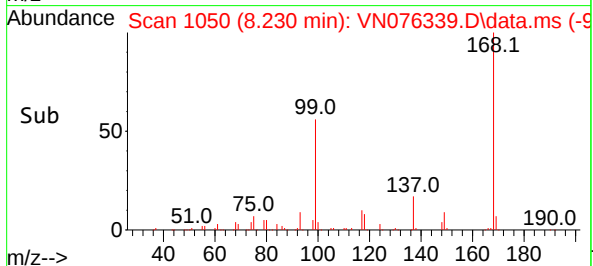
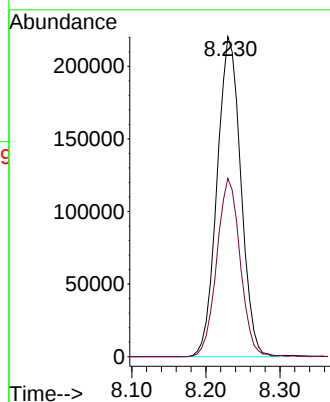
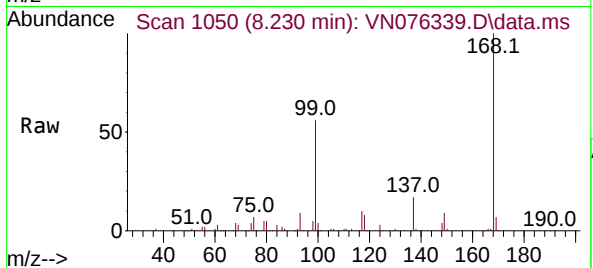




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

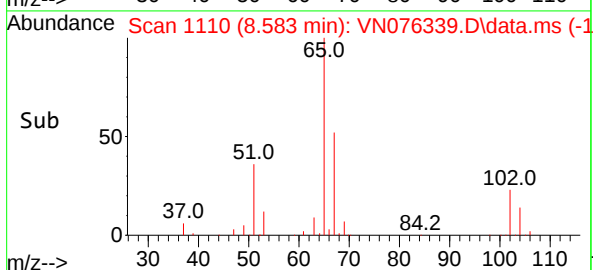
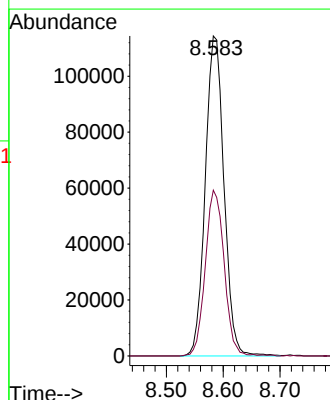
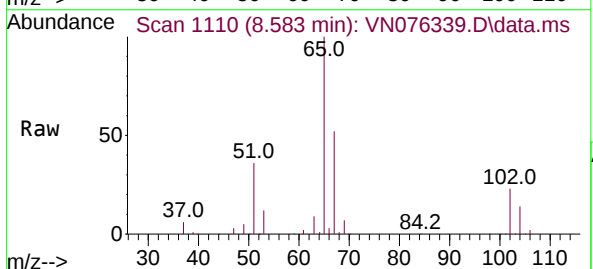
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

Tgt Ion:168 Resp: 490775
Ion Ratio Lower Upper
168 100
99 55.8 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 47.537 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

Tgt Ion: 65 Resp: 261220
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076339.D

Acq: 20 Jan 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBL01

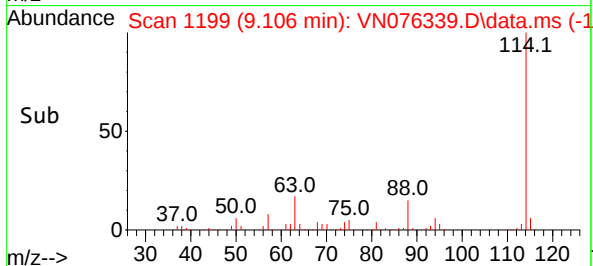
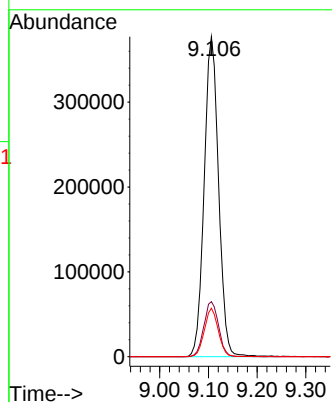
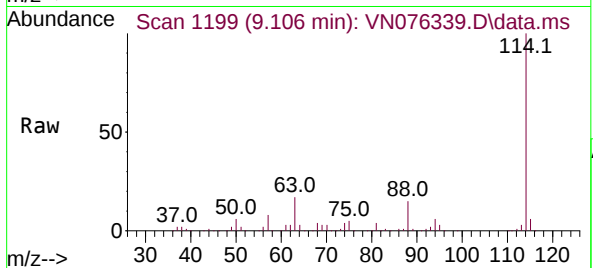
Tgt Ion:114 Resp: 773684

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.8

88 15.1 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.681 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076339.D

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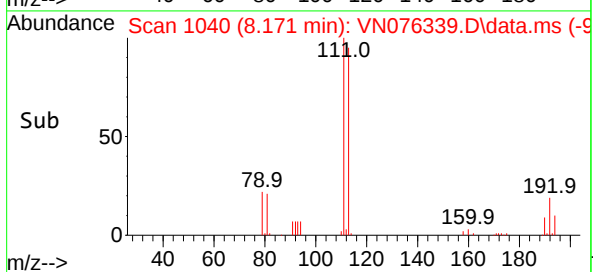
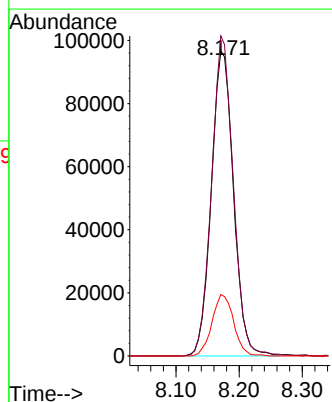
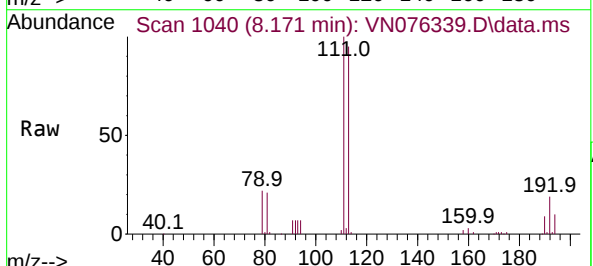
Tgt Ion:113 Resp: 235603

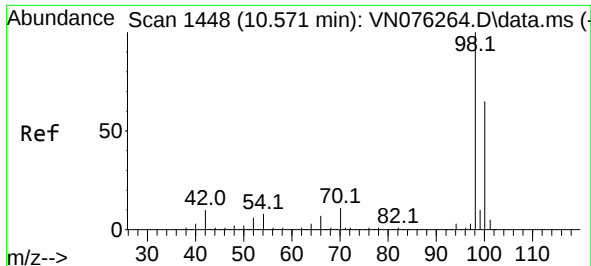
Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 19.7 15.6 23.4

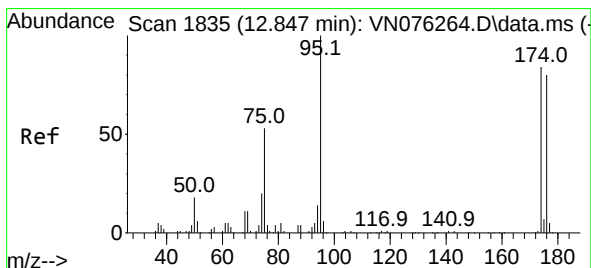
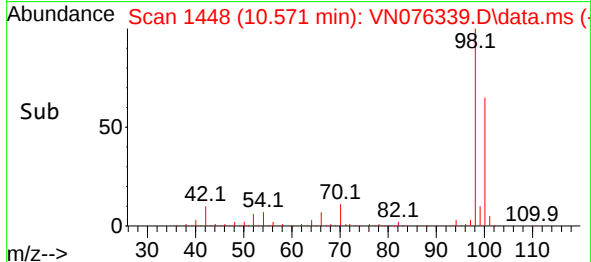
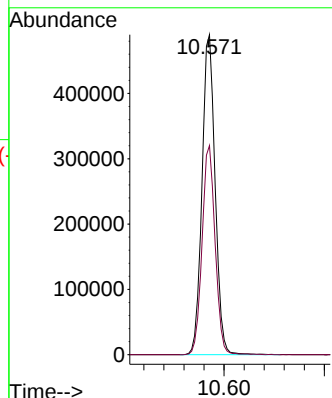
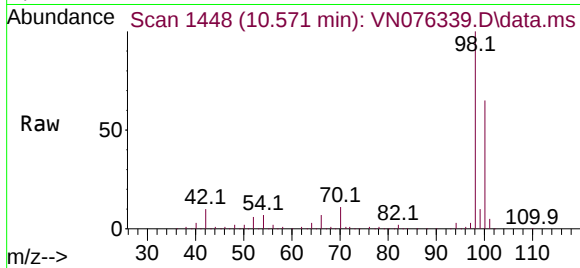




#50
Toluene-d8
Concen: 49.687 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

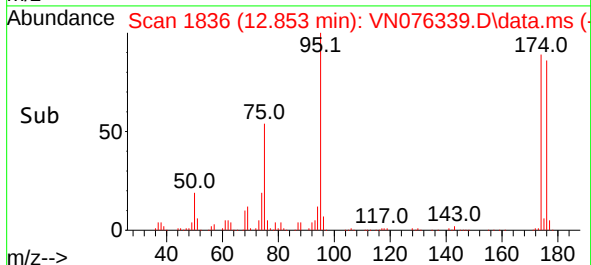
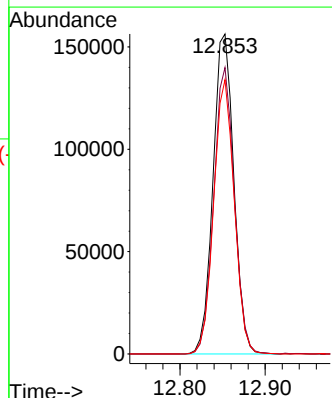
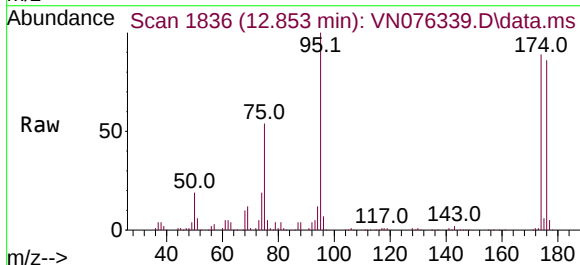
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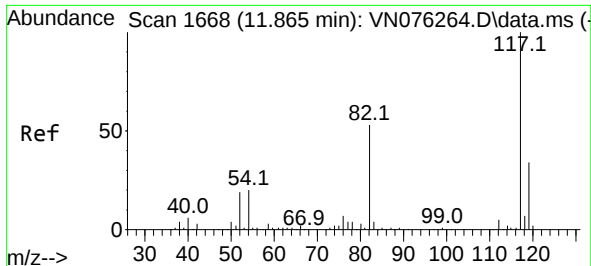
Tgt Ion: 98 Resp: 888086
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.486 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

Tgt Ion: 95 Resp: 265409
Ion Ratio Lower Upper
95 100
174 88.5 0.0 174.6
176 84.7 0.0 167.8

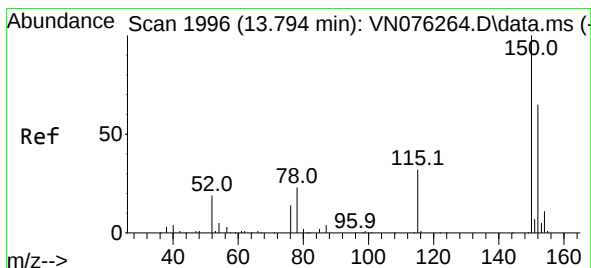
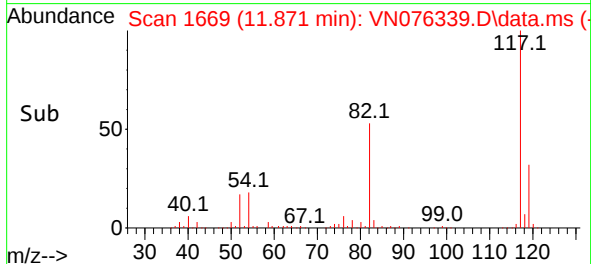
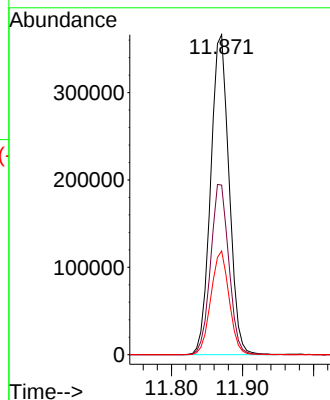
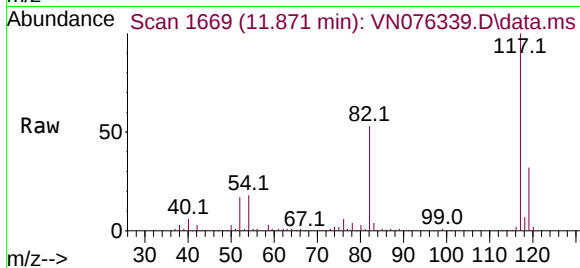




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

Tgt Ion:117 Resp: 657515
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.2
119 32.4 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: VN076339.D
Acq: 20 Jan 2023 11:25

Tgt Ion:152 Resp: 251353
Ion Ratio Lower Upper
152 100
115 57.4 29.6 88.9
150 156.2 0.0 351.4

