

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076346.D
 Acq On : 20 Jan 2023 14:25
 Operator : JC\MD
 Sample : 01248-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jan 20 22:15:59 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	8.229	168	399883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	631812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	548918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	210358	46.982	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.960%
35) Dibromofluoromethane	8.171	113	188918	47.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	10.571	98	723960	49.600	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.853	95	220919	46.363	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.720%

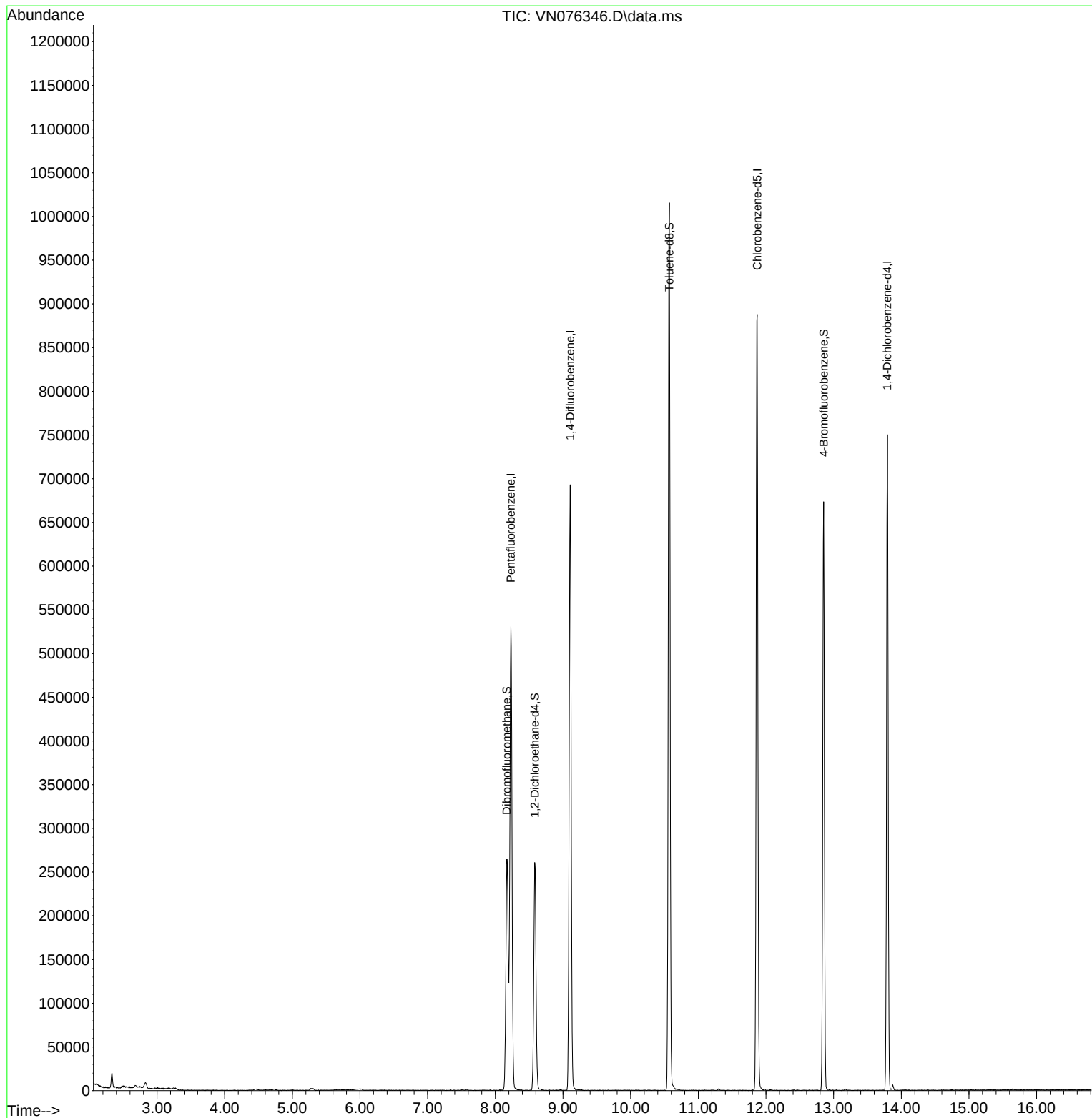
Target Compounds	Qvalue

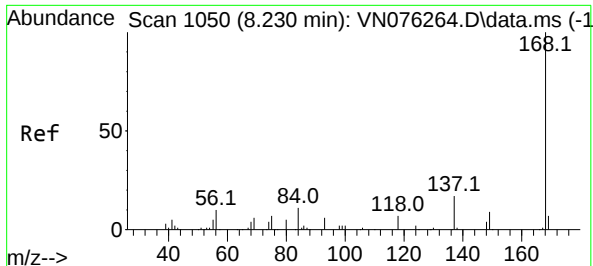
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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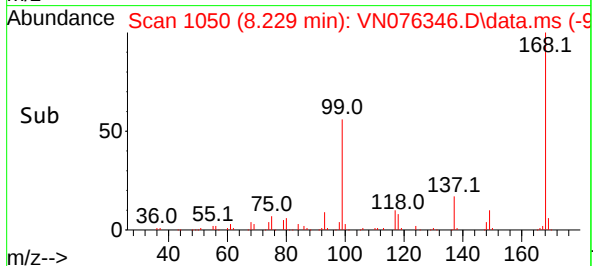
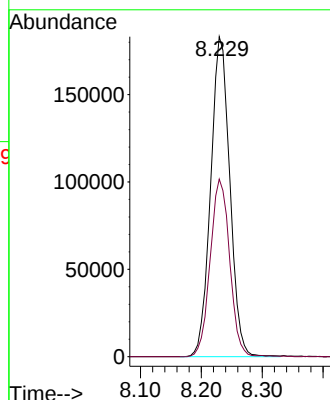
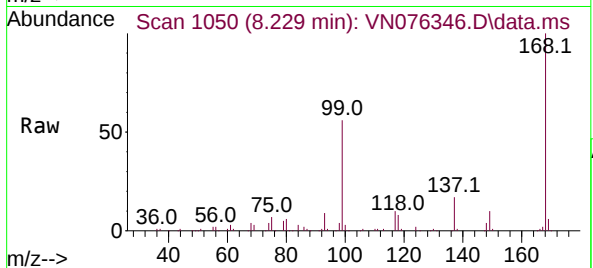




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

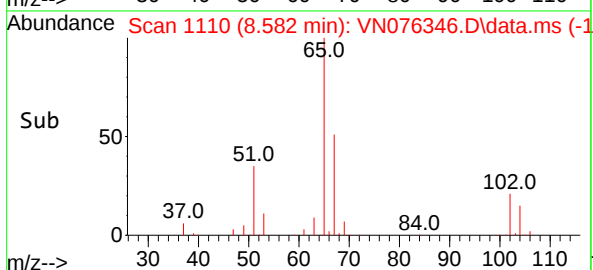
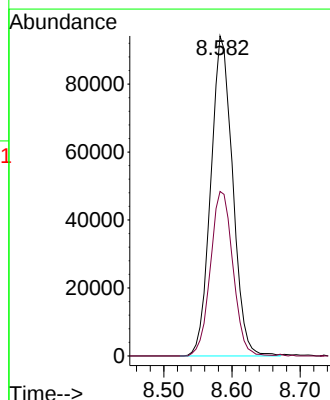
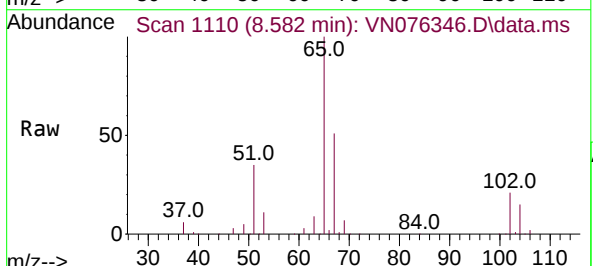
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 399883
Ion Ratio Lower Upper
168 100
99 55.5 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 46.982 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

Tgt Ion: 65 Resp: 210358
Ion Ratio Lower Upper
65 100
67 52.7 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: VN076346.D

Acq: 20 Jan 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

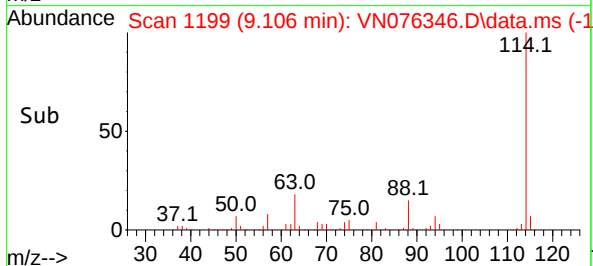
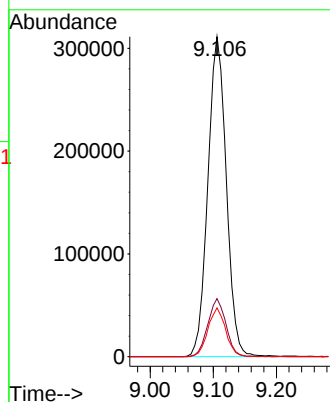
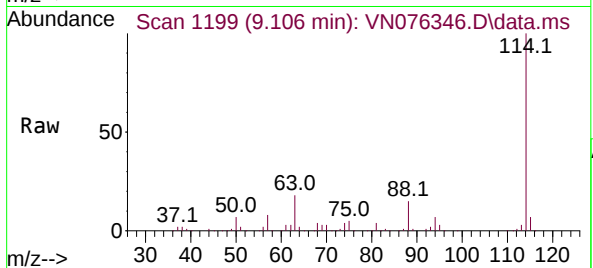
Tgt Ion:114 Resp: 631812

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

88 15.3 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.800 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076346.D

Acq: 20 Jan 2023 14:25

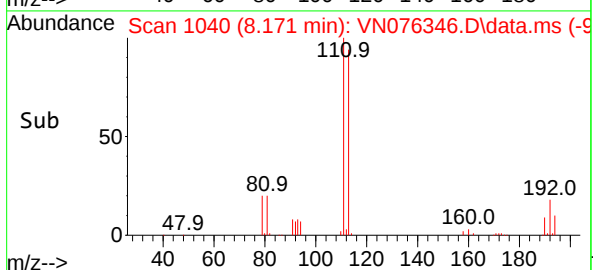
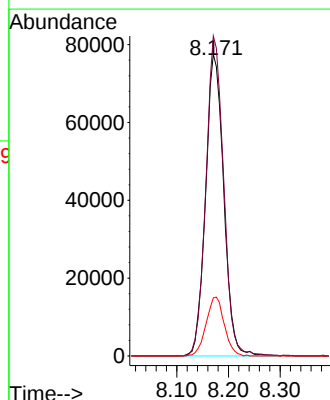
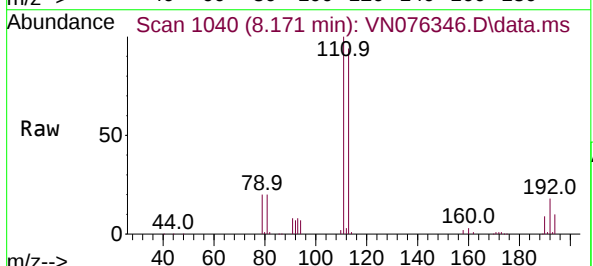
Tgt Ion:113 Resp: 188918

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

192 19.6 15.6 23.4

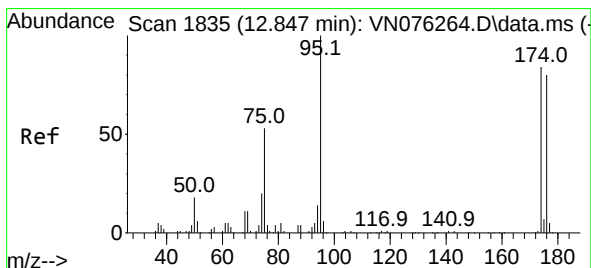
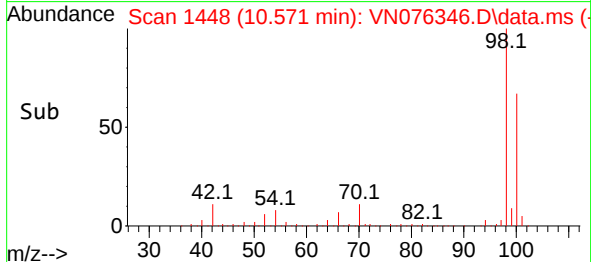
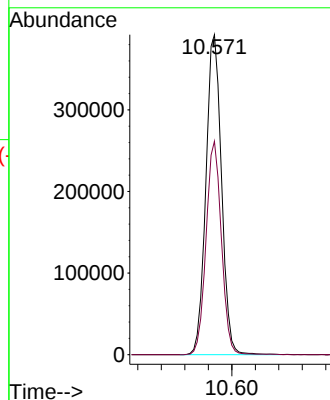
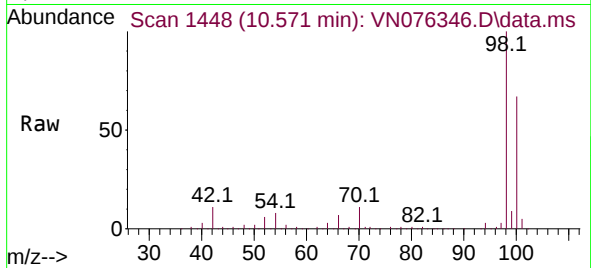




#50
Toluene-d8
Concen: 49.600 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

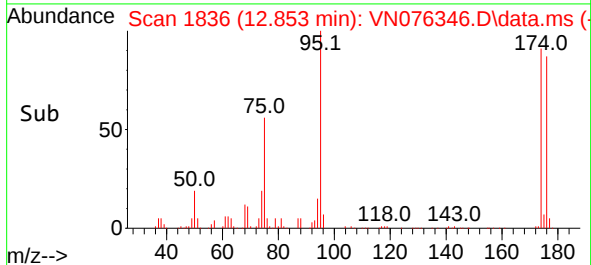
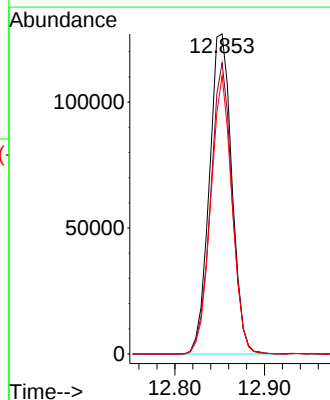
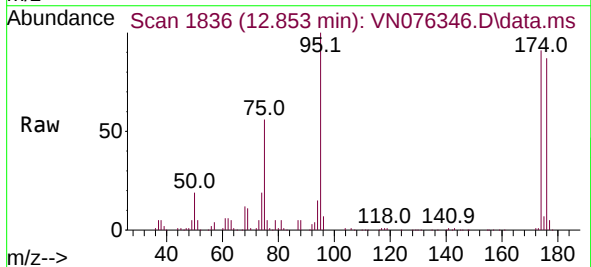
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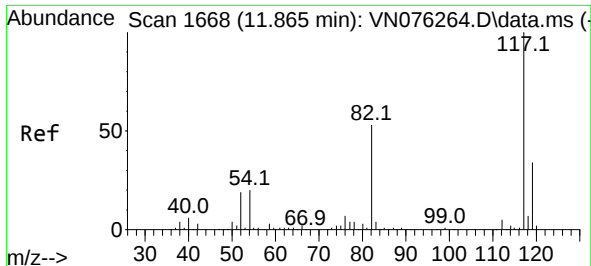
Tgt Ion: 98 Resp: 723960
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.363 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

Tgt Ion: 95 Resp: 220919
Ion Ratio Lower Upper
95 100
174 86.6 0.0 174.6
176 82.2 0.0 167.8

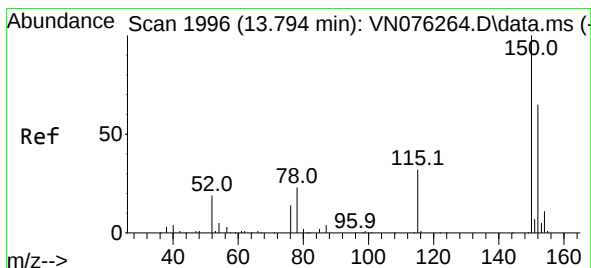
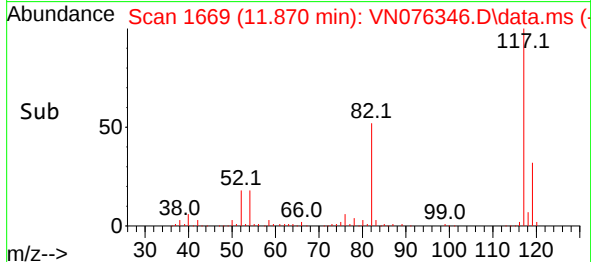
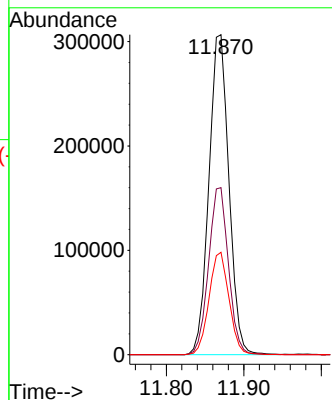
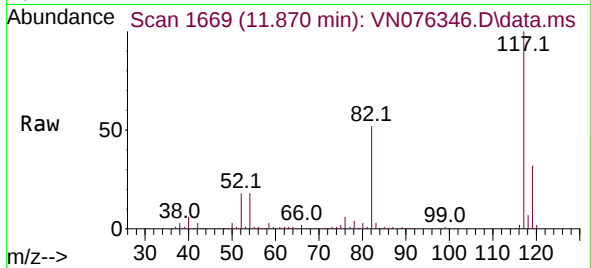




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 548918
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.2
119 32.0 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: VN076346.D
Acq: 20 Jan 2023 14:25

Tgt Ion:152 Resp: 207633
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.9
150 158.2 0.0 351.4

