

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076312.D
 Acq On : 19 Jan 2023 10:44
 Operator : JC\MD
 Sample : VN0119WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBL01

Quant Time: Jan 20 00:50:52 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	410879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	631358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	554315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223983	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	213885	46.491	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.980%
35) Dibromofluoromethane	8.177	113	193451	48.982	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	10.570	98	725987	49.774	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.853	95	228841	48.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%

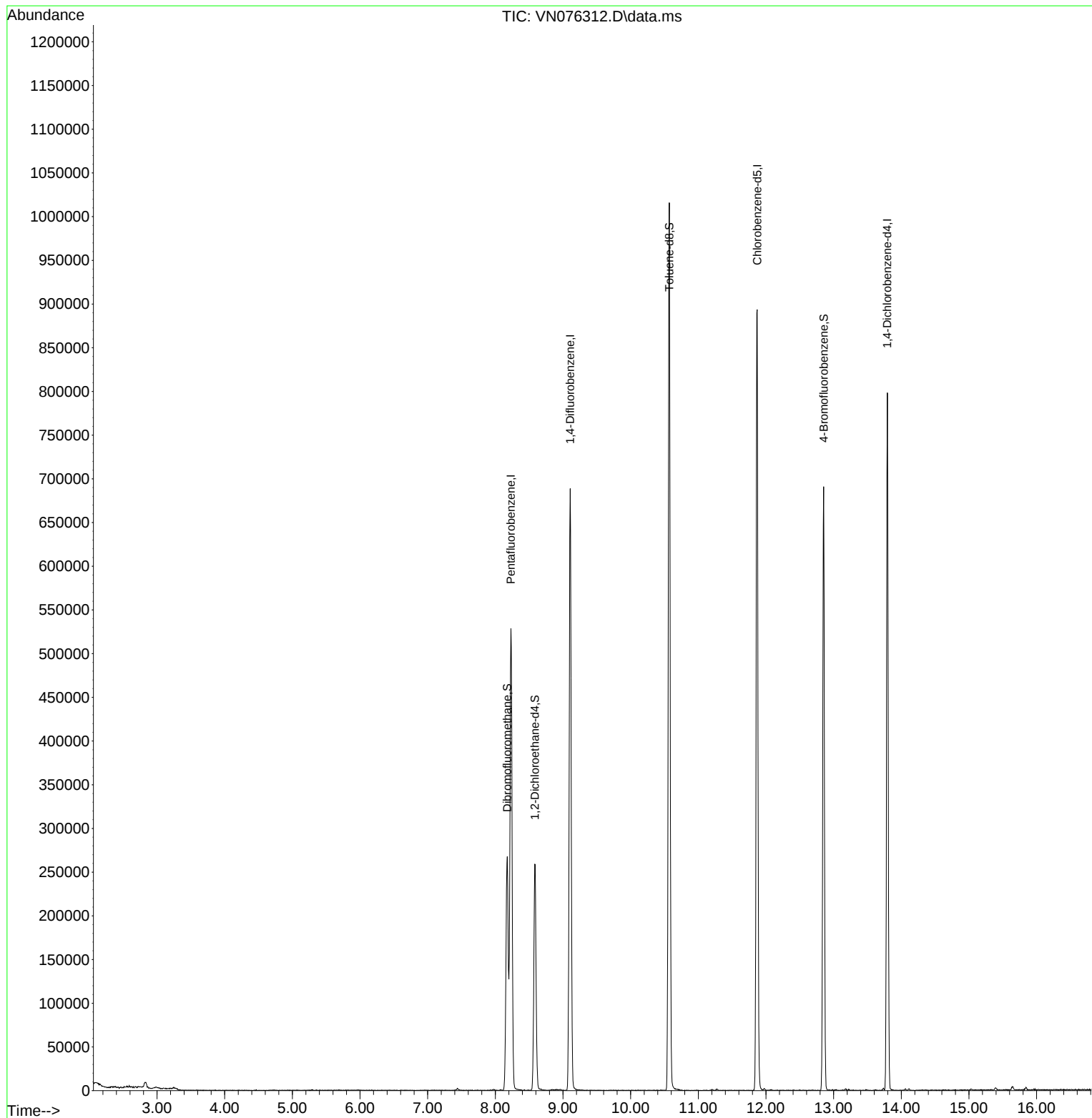
Target Compounds	Qvalue

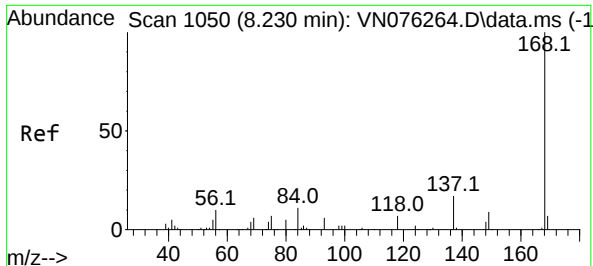
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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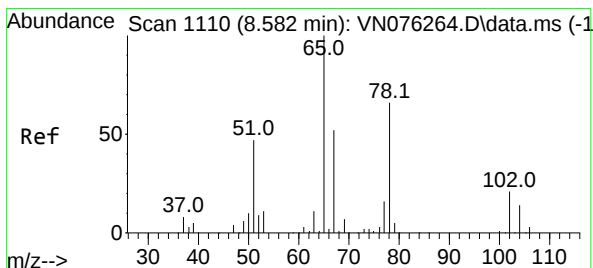
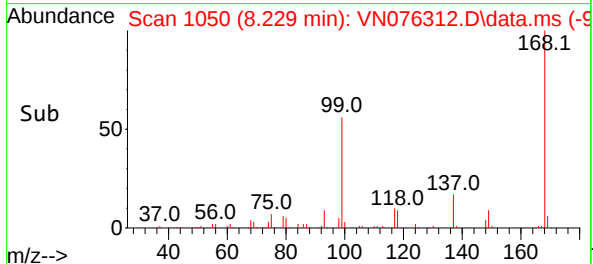
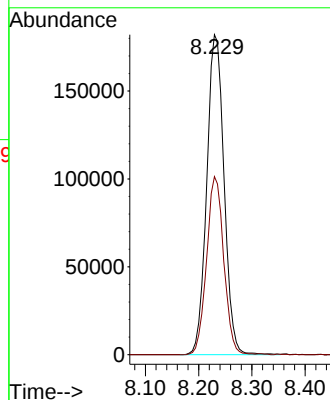
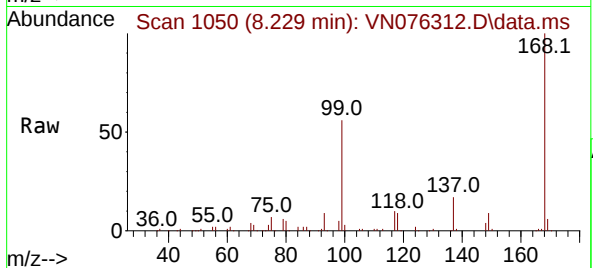




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

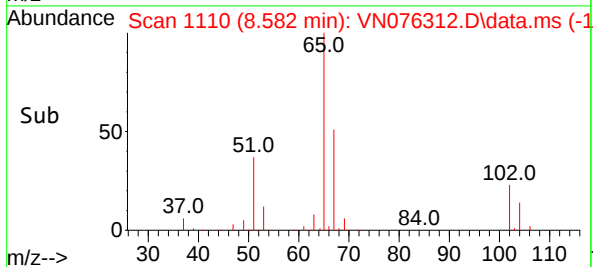
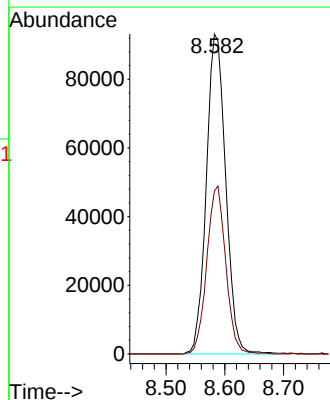
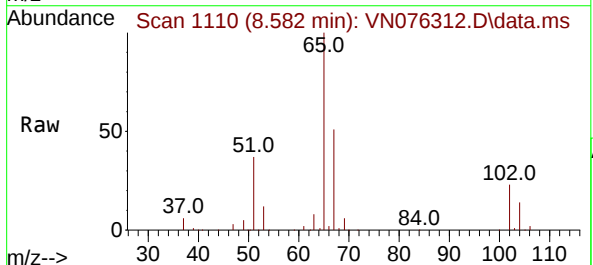
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBL01

Tgt Ion:168 Resp: 410879
Ion Ratio Lower Upper
168 100
99 55.6 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 46.491 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

Tgt Ion: 65 Resp: 213885
Ion Ratio Lower Upper
65 100
67 51.4 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: VN076312.D

Acq: 19 Jan 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBL01

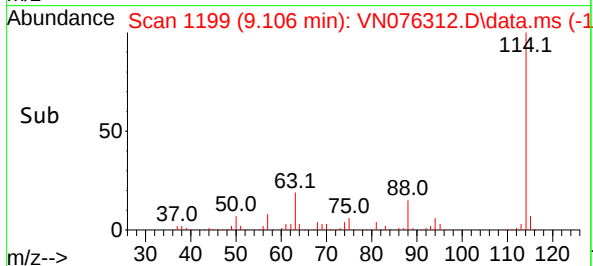
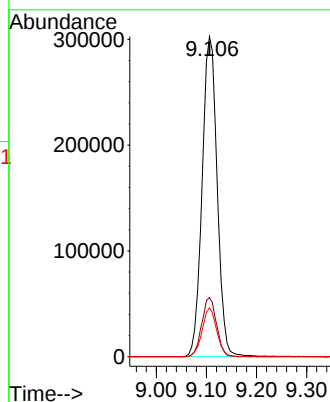
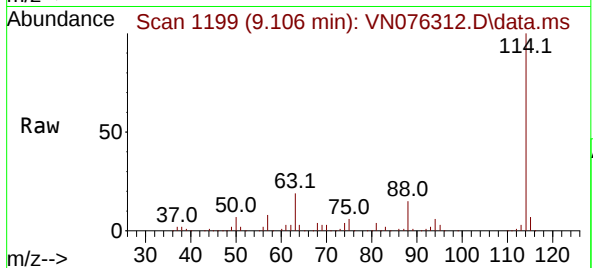
Tgt Ion:114 Resp: 631358

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.8

88 15.3 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.982 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076312.D

Acq: 19 Jan 2023 10:44

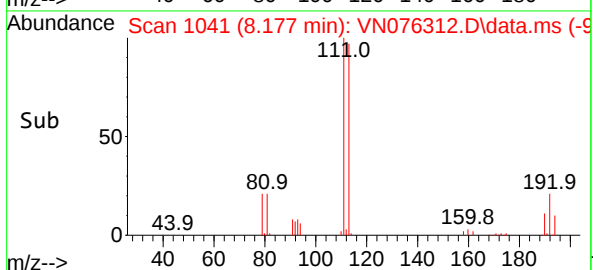
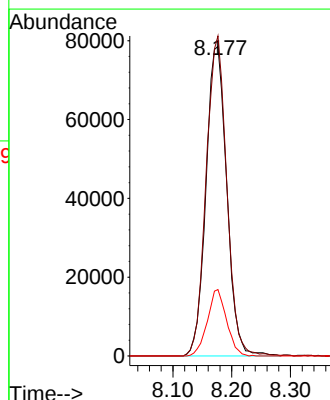
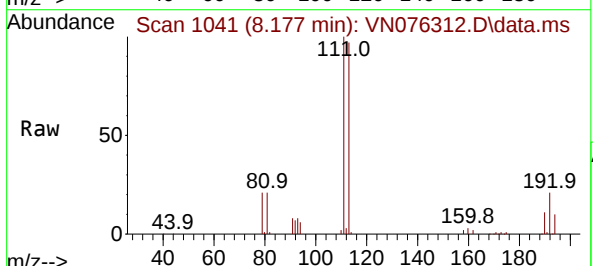
Tgt Ion:113 Resp: 193451

Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 19.8 15.6 23.4

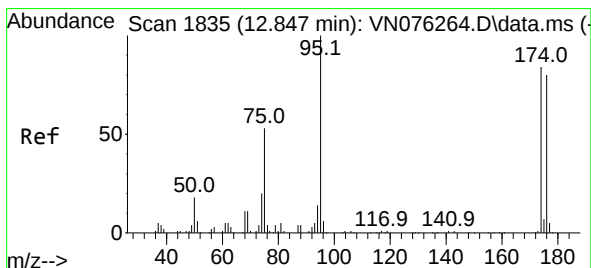
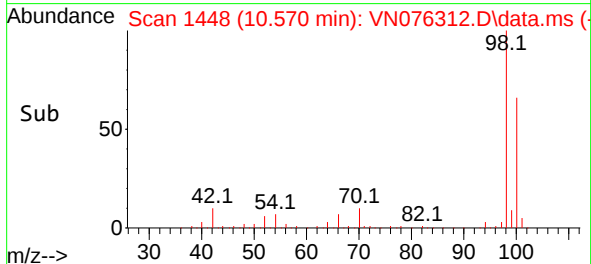
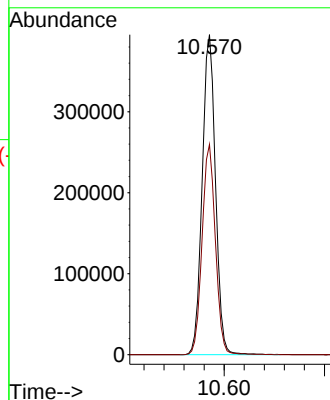
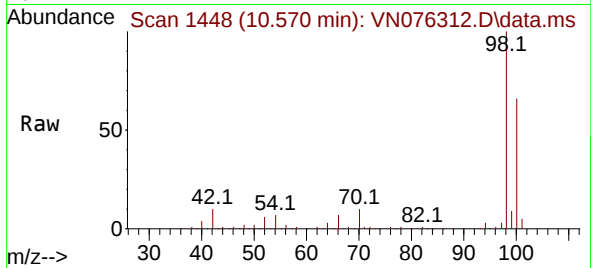




#50
Toluene-d8
Concen: 49.774 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

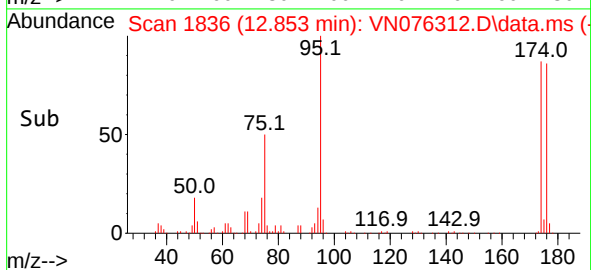
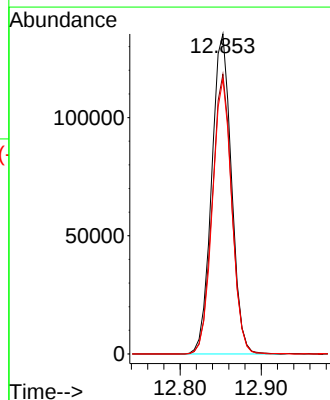
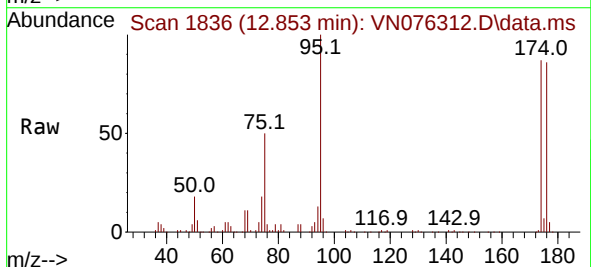
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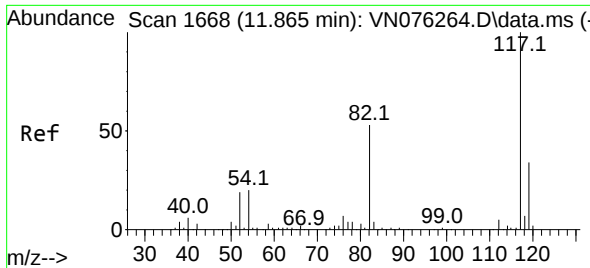
Tgt Ion: 98 Resp: 725987
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.060 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

Tgt Ion: 95 Resp: 228841
Ion Ratio Lower Upper
95 100
174 86.5 0.0 174.6
176 83.8 0.0 167.8

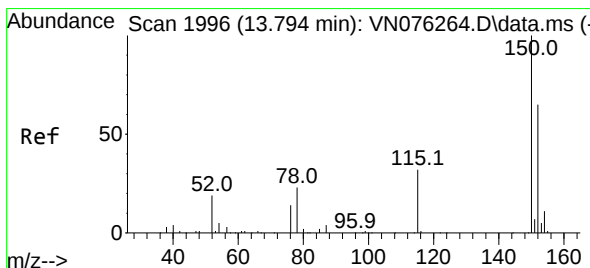
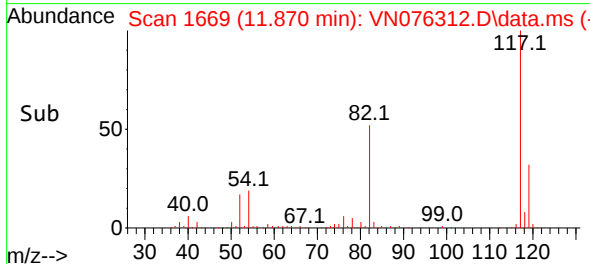
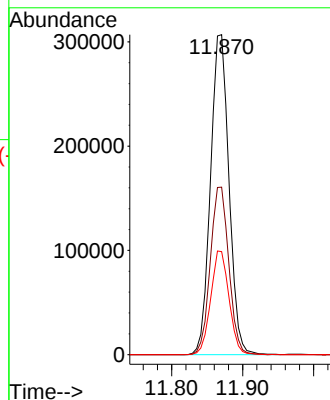
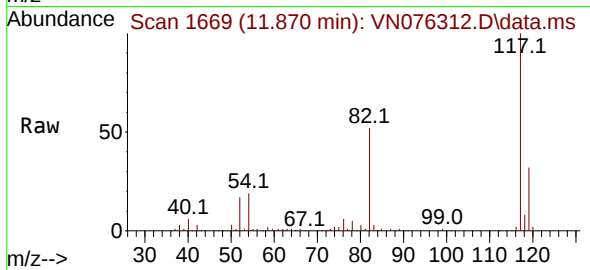




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0119WBL01

Tgt Ion:117 Resp: 554315
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.2
119 32.2 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: VN076312.D
Acq: 19 Jan 2023 10:44

Tgt Ion:152 Resp: 223983
Ion Ratio Lower Upper
152 100
115 57.2 29.6 88.9
150 156.5 0.0 351.4

