

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064291.D
 Acq On : 23 Oct 2020 17:19
 Operator : JC/MD
 Sample : VN1023WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBL01

Quant Time: Oct 26 02:36:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 01:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	44787	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	255417	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	224902	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	126739	32.42	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.07%
60) 4-Bromofluorobenzene	12.38	95	112943	28.22	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.07%
63) Toluene-d8	10.06	98	302991	30.14	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.47%

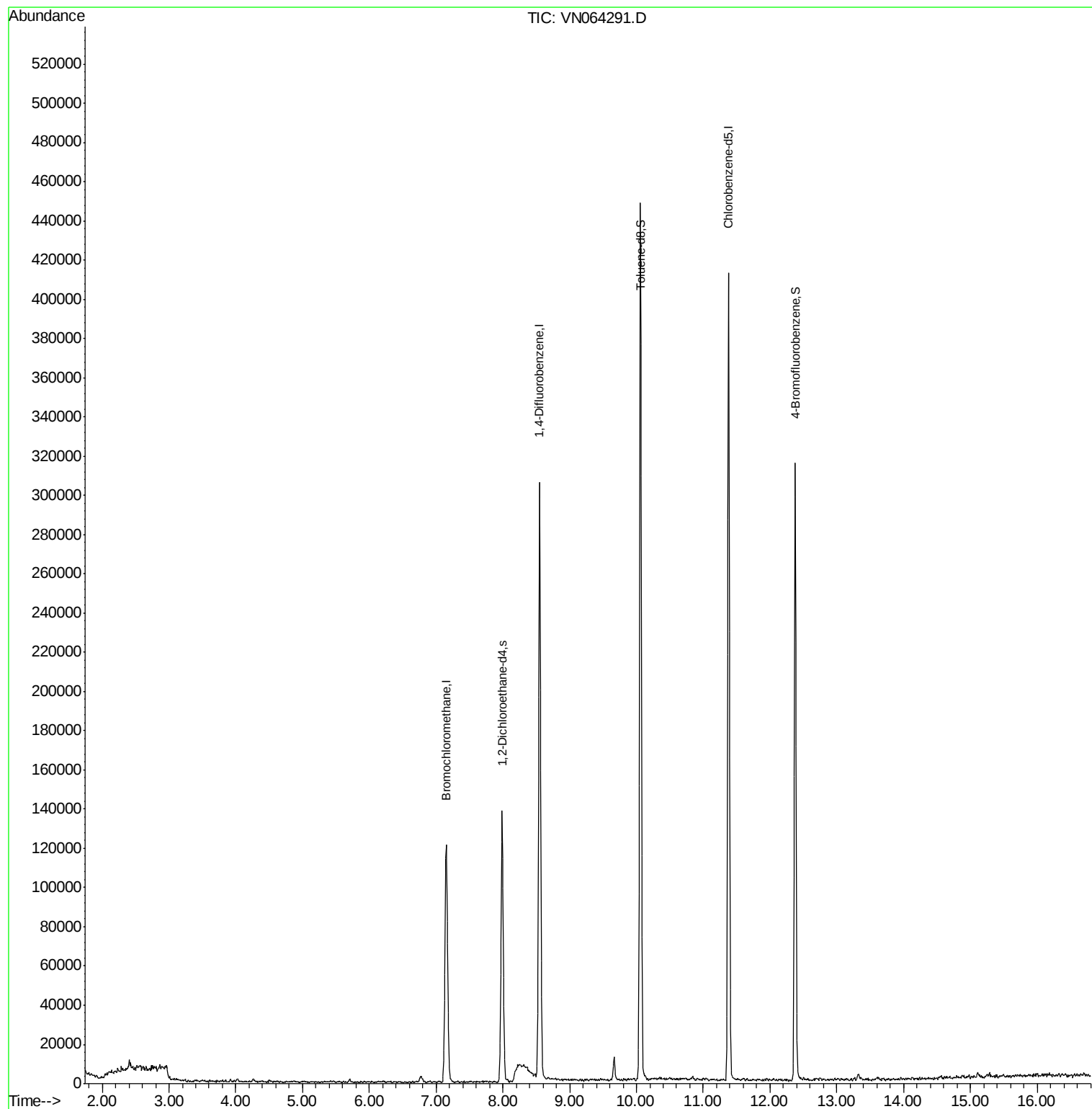
Target Compounds	Ovalue

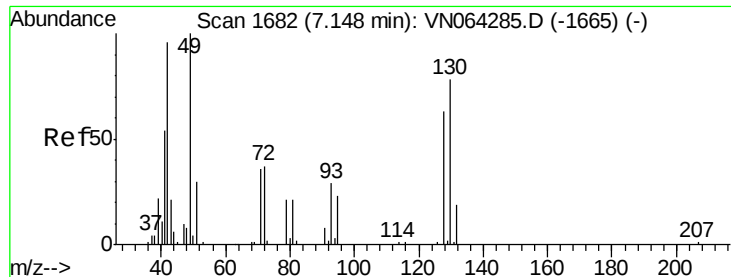
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN064291.D

Acq: 23 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBL01

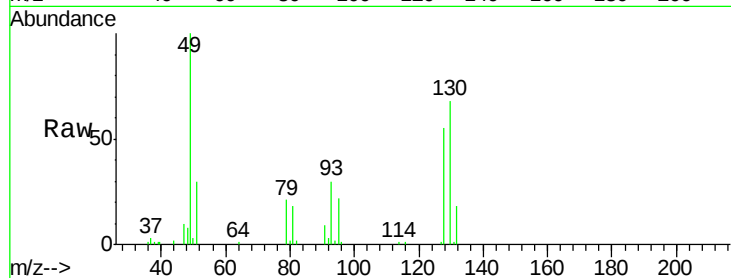
Tot Ion:128 Resp: 44787

Ion Ratio Lower Upper

128 100

49 180.0 0.0 445.0

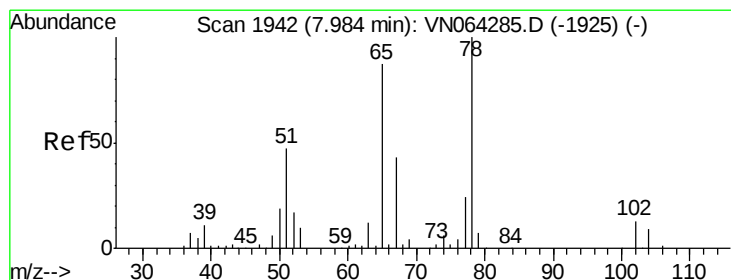
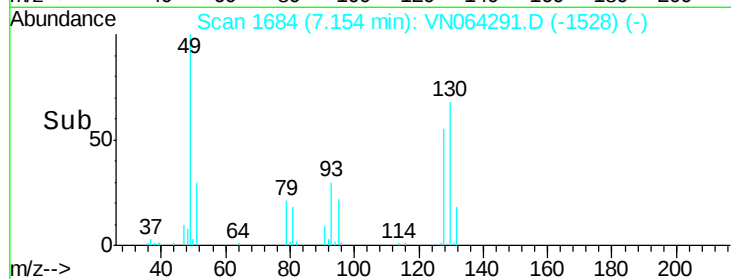
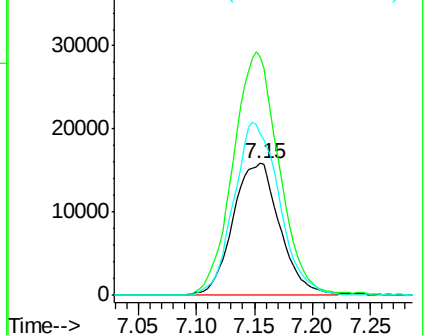
130 126.4 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 32.420 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064291.D

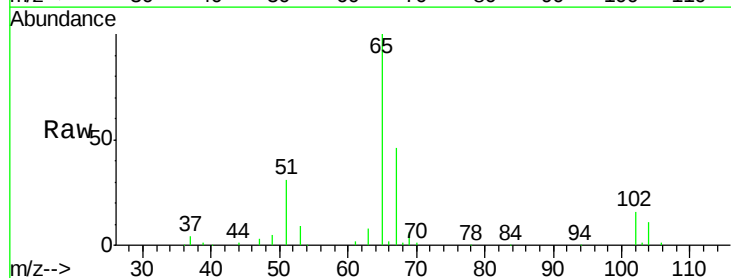
Acq: 23 Oct 2020 17:19

Tgt Ion: 65 Resp: 126739

Ion Ratio Lower Upper

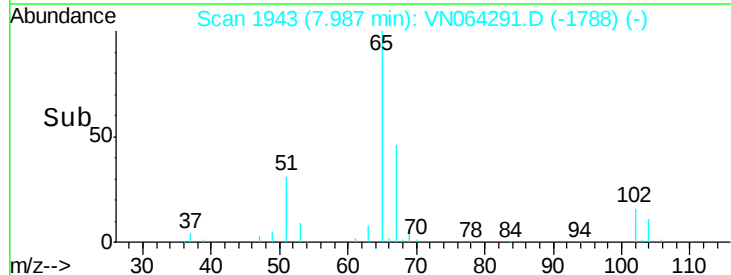
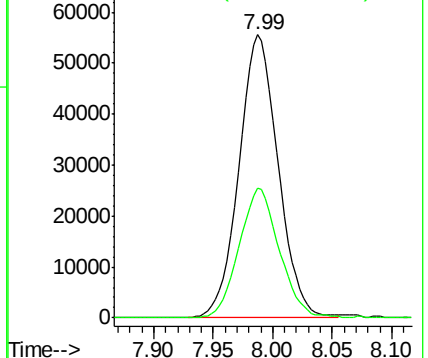
65 100

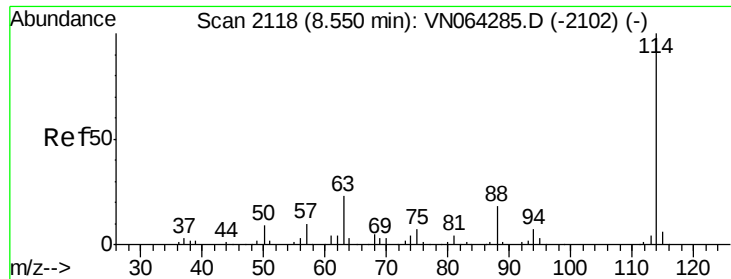
67 46.7 38.4 57.6



Abundance Ion 65.00 (64.70 to 65.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

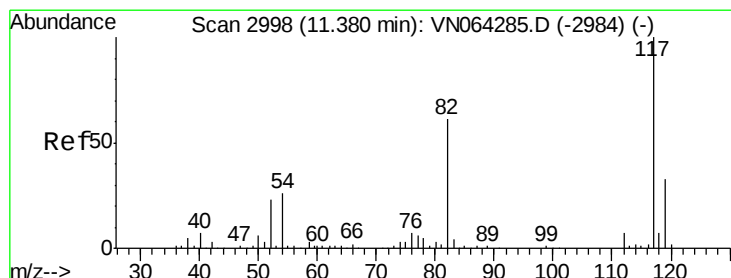
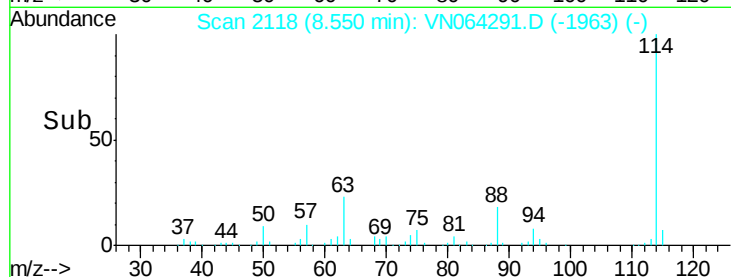
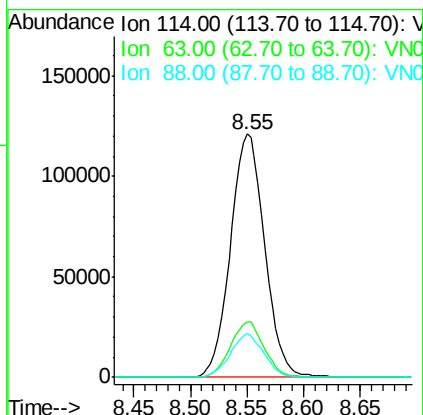
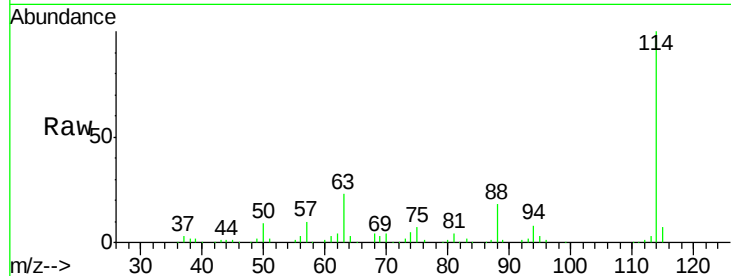




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064291.D
Acq: 23 Oct 2020 17:19

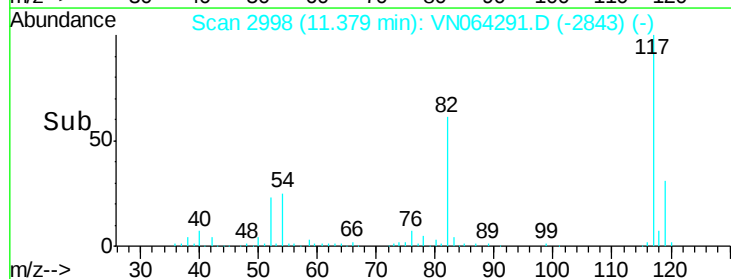
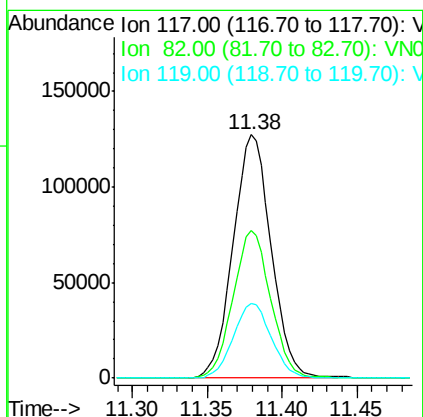
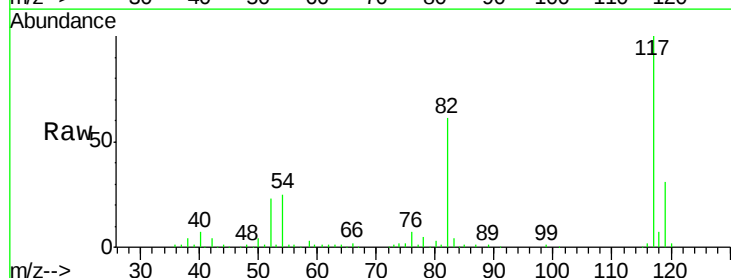
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBL01

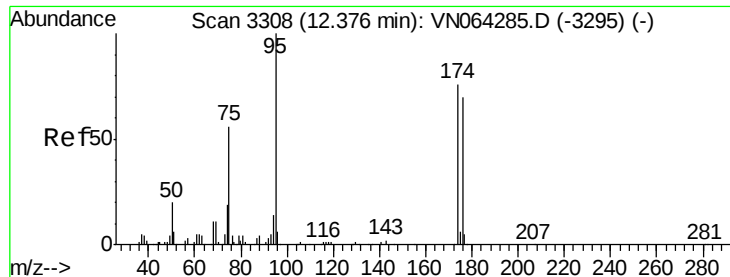
Tot Ion:114 Resp: 255417
Ion Ratio Lower Upper
114 100
63 22.6 17.8 26.8
88 17.5 13.8 20.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064291.D
Acq: 23 Oct 2020 17:19

Tgt Ion:117 Resp: 224902
Ion Ratio Lower Upper
117 100
82 60.1 47.0 70.6
119 30.9 24.6 37.0

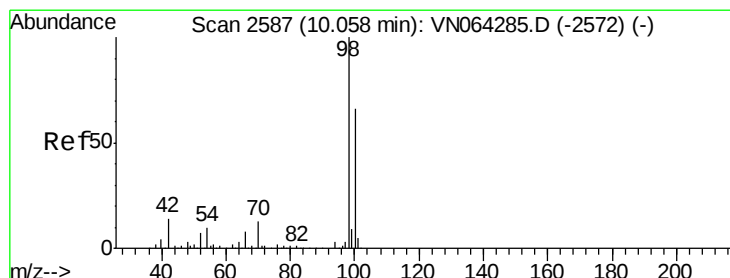
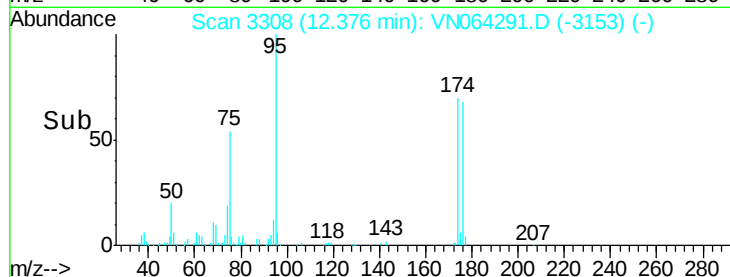
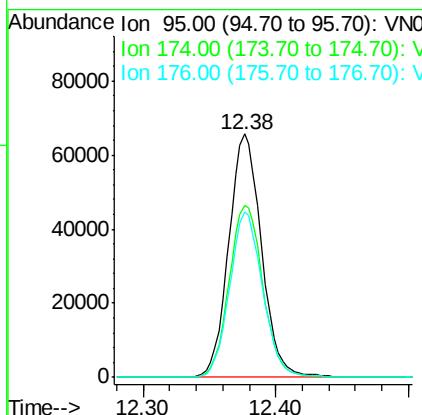
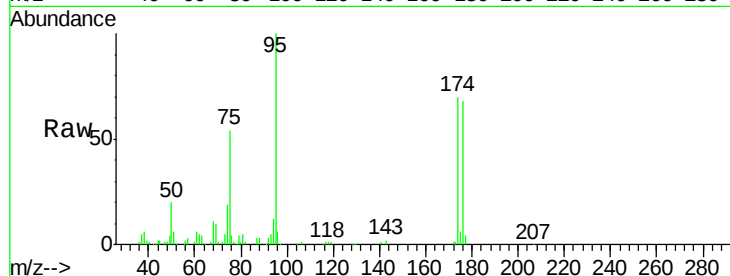




#60
4-Bromofluorobenzene
Concen: 28.215 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064291.D
Acq: 23 Oct 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBL01

Tot Ion: 95 Resp: 112943
Ion Ratio Lower Upper
95 100
174 72.6 57.9 86.9
176 68.4 56.7 85.1



#63
Toluene-d8
Concen: 30.141 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064291.D
Acq: 23 Oct 2020 17:19

Tgt Ion: 98 Resp: 302991
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

