

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059115.D
 Acq On : 7 Nov 2019 12:36
 Operator : JC/SP
 Sample : K5704-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WGGM-19-WW-TSF-040

Quant Time: Nov 08 02:24:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	74230	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	396744	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	340222	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.00	65	179066	28.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.73%
60) 4-Bromofluorobenzene	12.40	95	144060	24.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.70%
63) Toluene-d8	10.08	98	485858	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

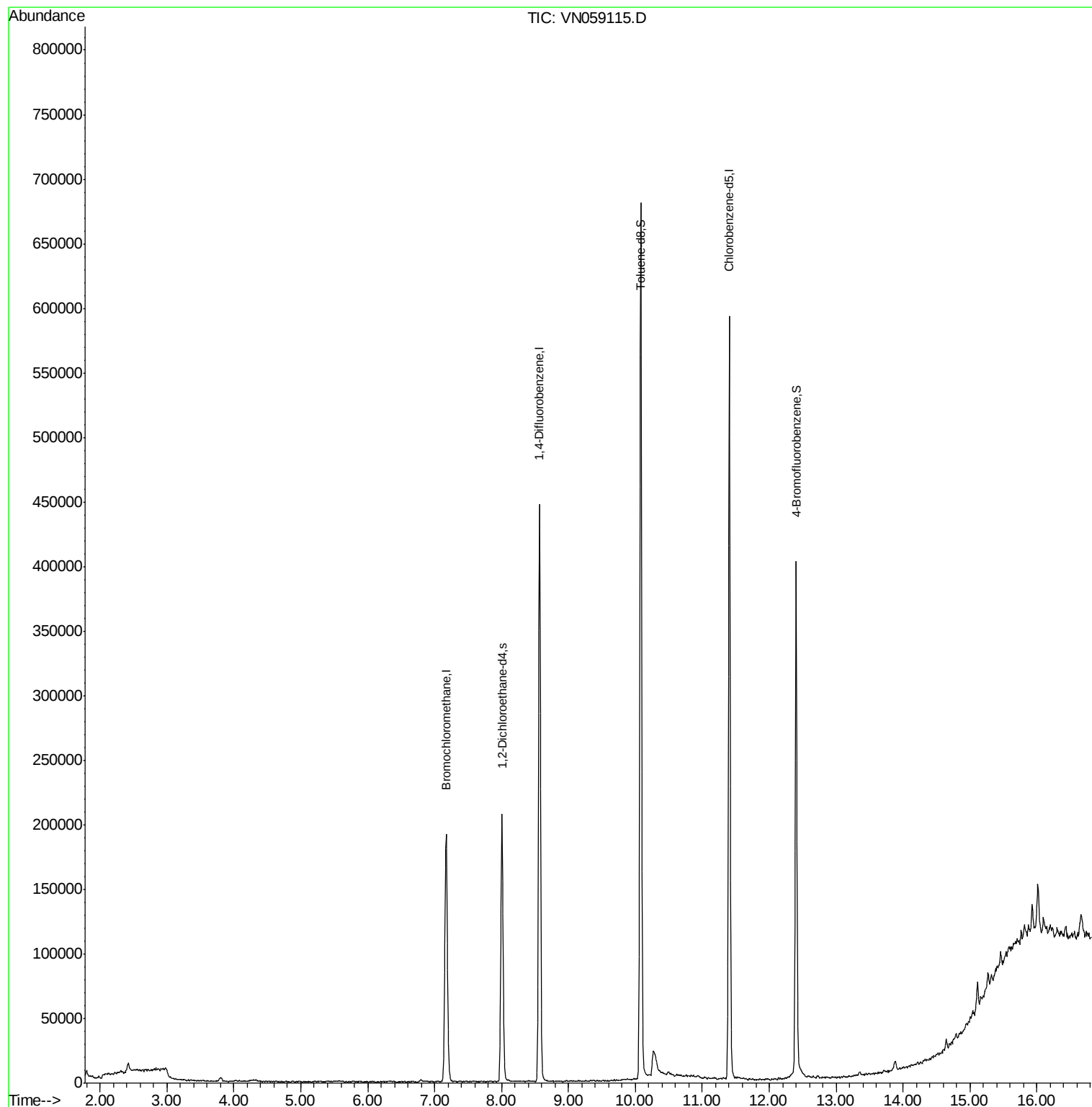
Target Compounds	Ovalue

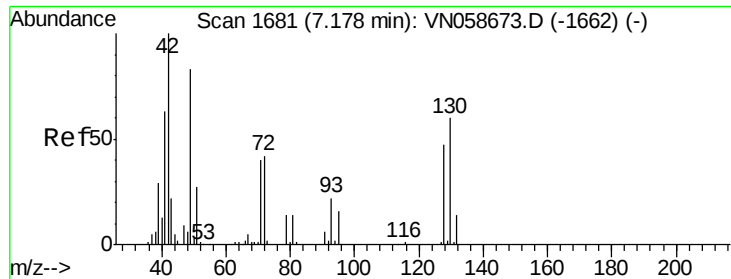
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN059115.D

Acq: 7 Nov 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

WGGM-19-WW-TSF-040

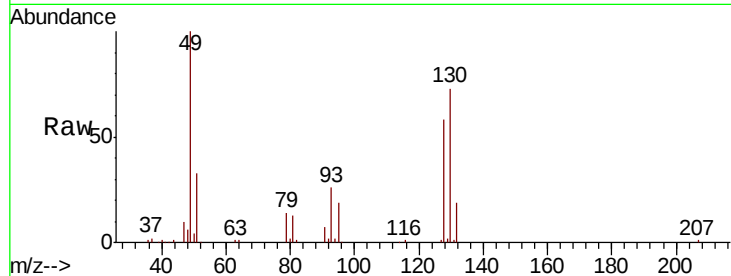
Tot Ion:128 Resp: 74230

Ion Ratio Lower Upper

128 100

49 177.3 0.0 453.5

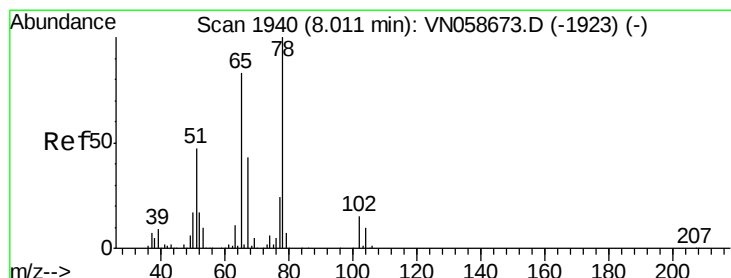
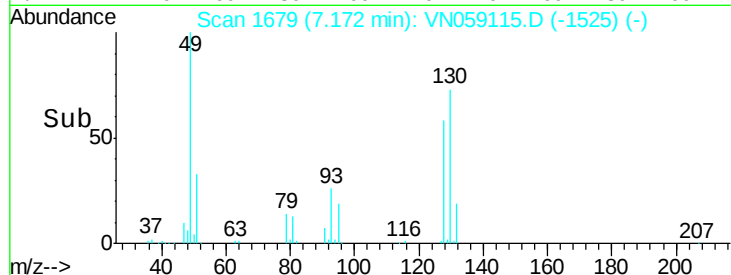
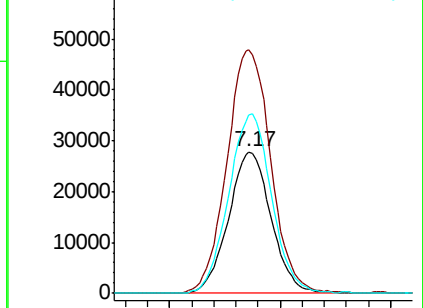
130 126.9 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 28.422 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.01 min

Lab File: VN059115.D

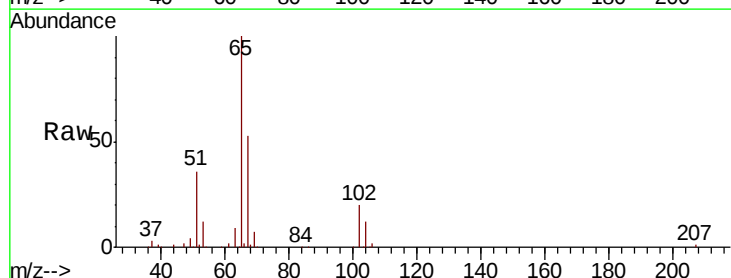
Acq: 7 Nov 2019 12:36

Tgt Ion: 65 Resp: 179066

Ion Ratio Lower Upper

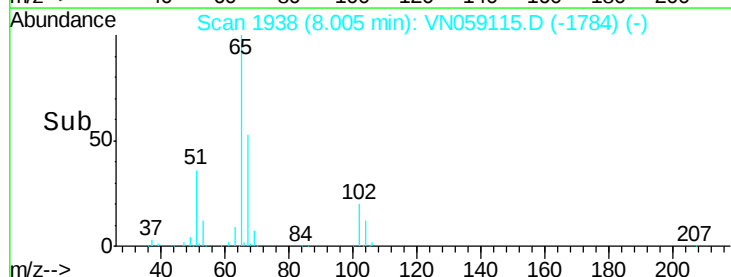
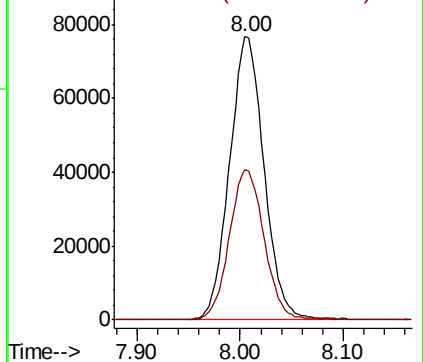
65 100

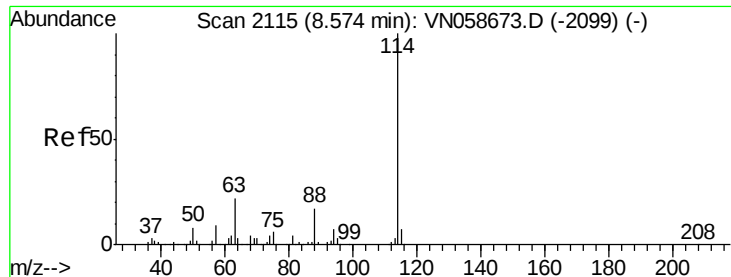
67 53.3 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

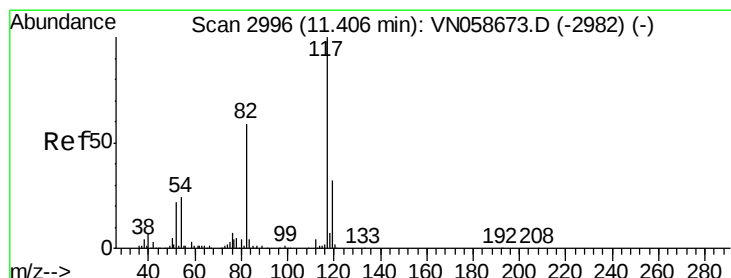
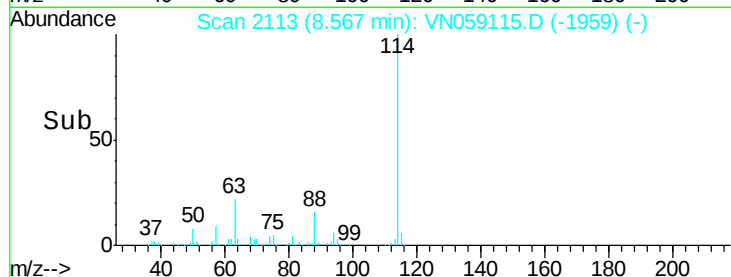
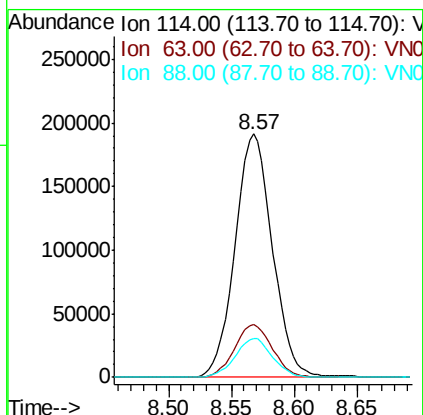
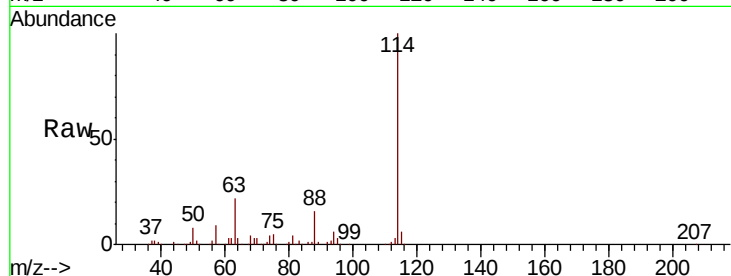




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: VN059115.D
 Acq: 7 Nov 2019 12:36

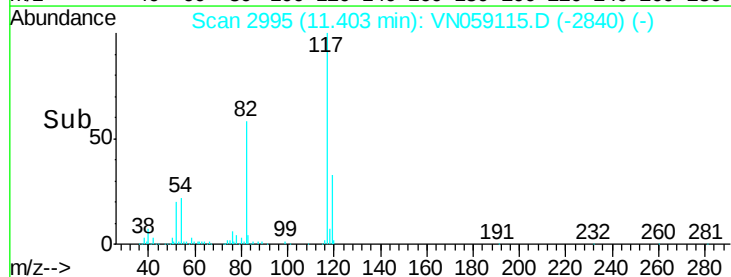
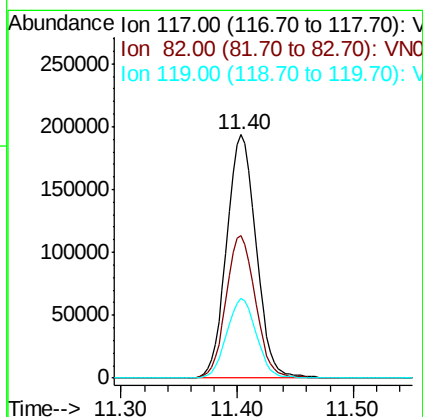
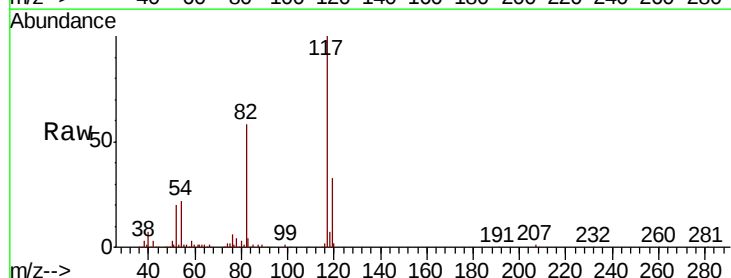
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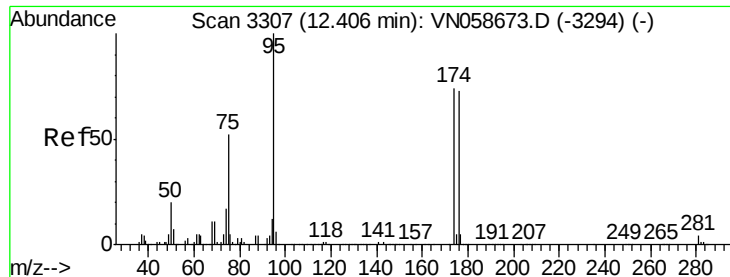
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	18.1	27.1
88	16.0	13.0	19.4



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.40 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: VN059115.D
 Acq: 7 Nov 2019 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.9	70.3
119	32.9	25.8	38.6

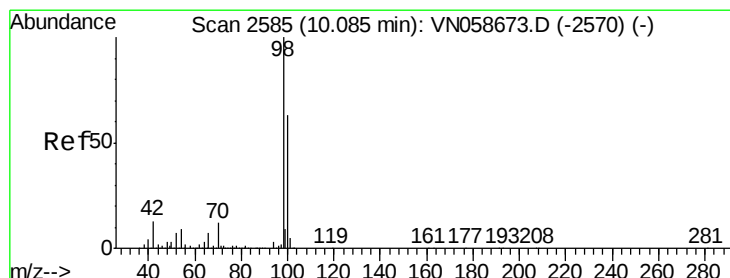
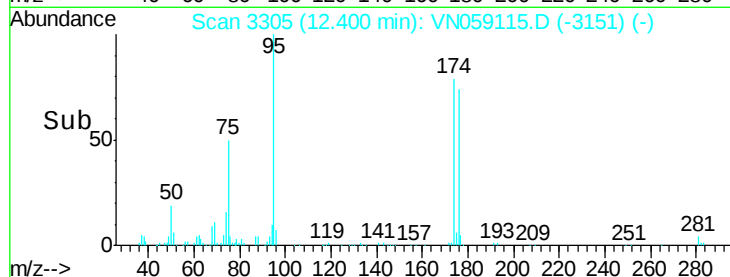
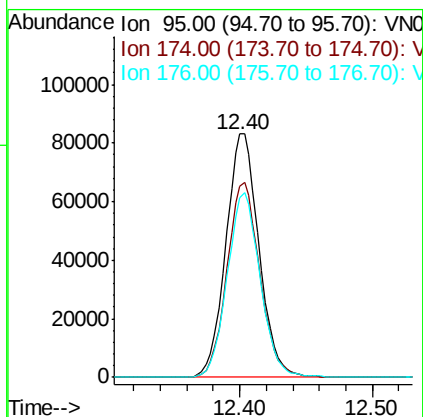
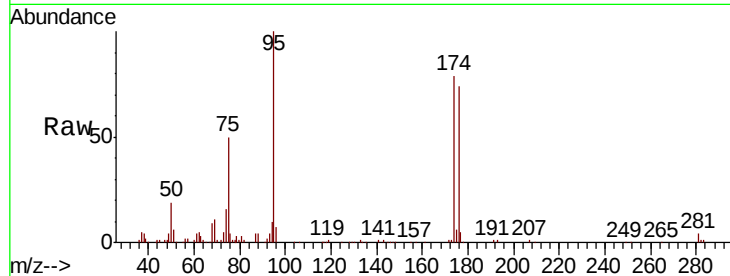




#60
4-Bromofluorobenzene
Concen: 24.206 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.01 min
Lab File: VN059115.D
Acq: 7 Nov 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
WGGM-19-WW-TSF-040

Tot Ion: 95 Resp: 144060
Ion Ratio Lower Upper
95 100
174 79.6 59.9 89.9
176 75.6 58.3 87.5



#63
Toluene-d8
Concen: 30.245 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.01 min
Lab File: VN059115.D
Acq: 7 Nov 2019 12:36

Tgt Ion: 98 Resp: 485858
Ion Ratio Lower Upper
98 100
100 64.1 50.6 75.8

