

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070919\
 Data File : VN056630.D
 Acq On : 9 Jul 2019 15:16
 Operator : JC/SP
 Sample : K3712-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-004-IDWGW-20190708

Quant Time: Jul 17 02:26:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	50118	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	270778	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	222743	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	104716	30.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.03%
60) 4-Bromofluorobenzene	12.40	95	86537	25.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	84.27%
63) Toluene-d8	10.09	98	317045	30.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.10%

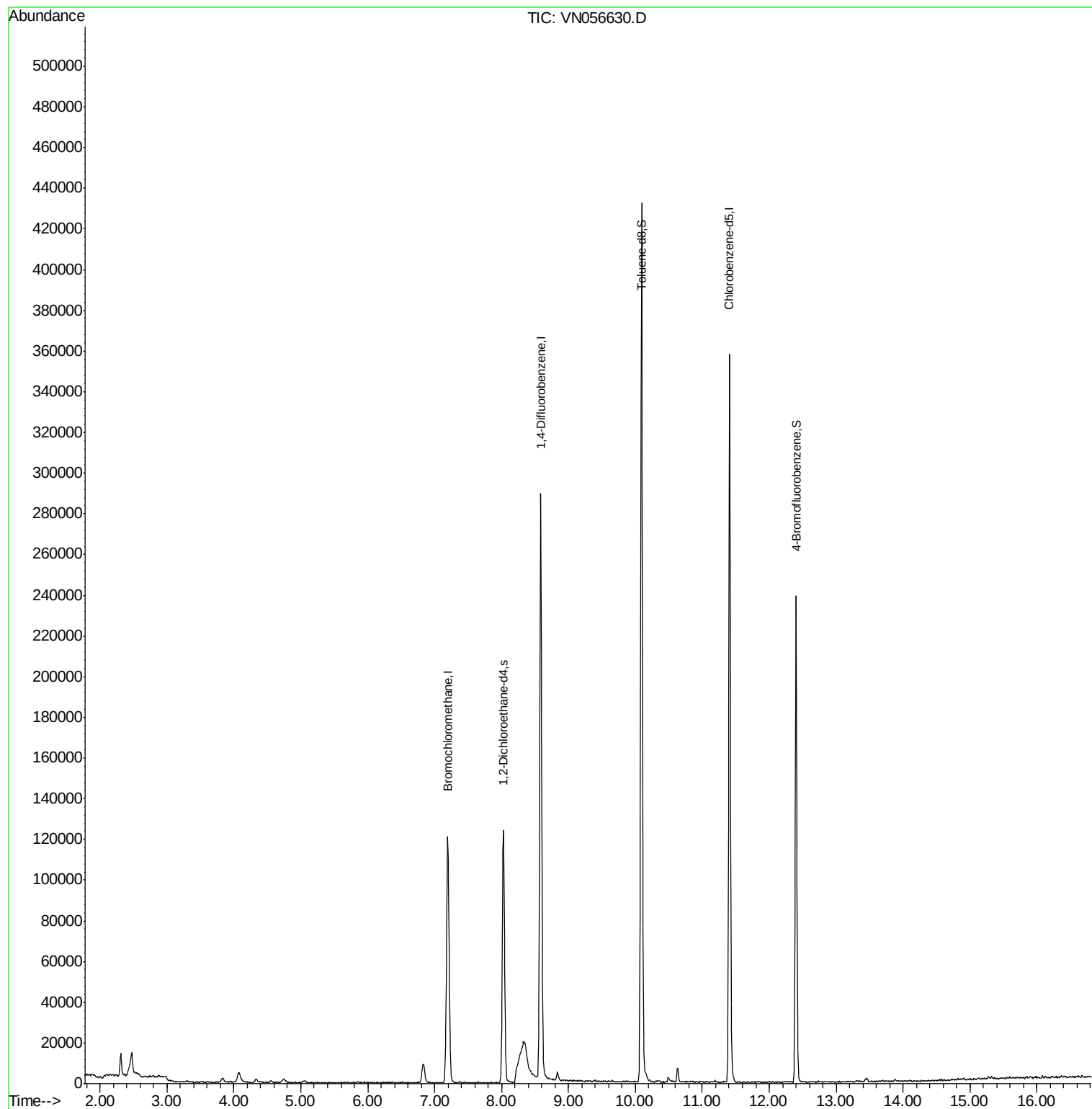
Target Compounds	Qvalue

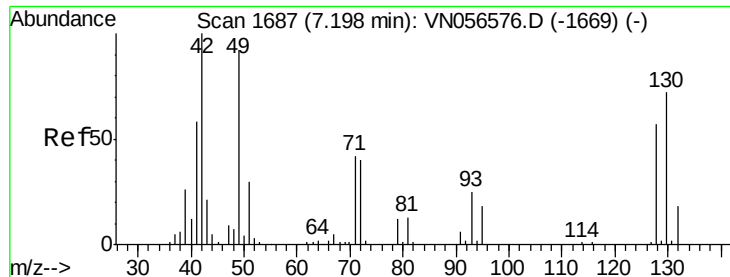
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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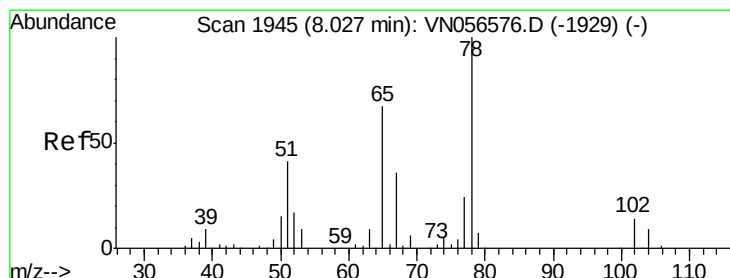
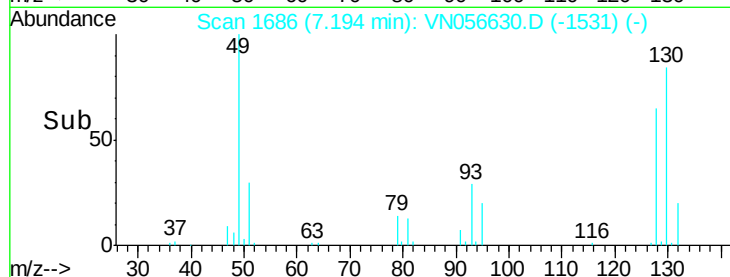
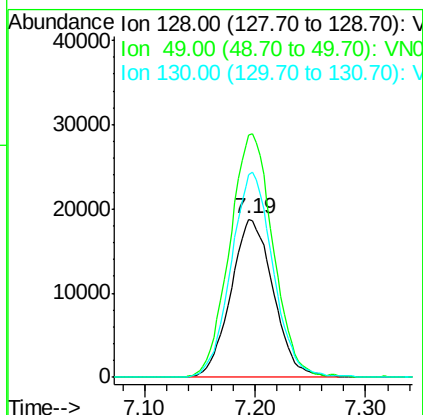
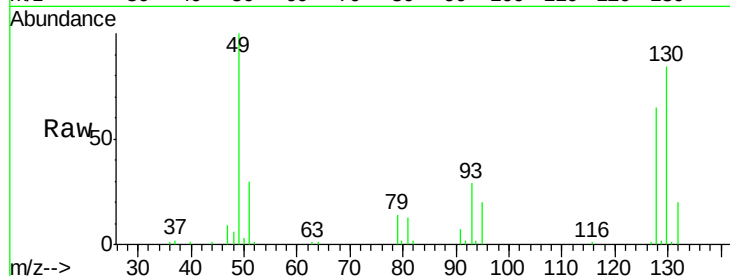




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN056630.D
 Acq: 9 Jul 2019 15:16

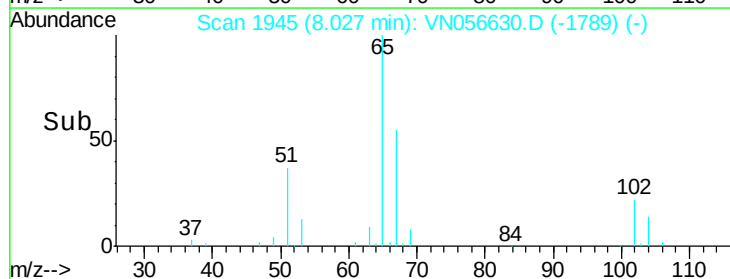
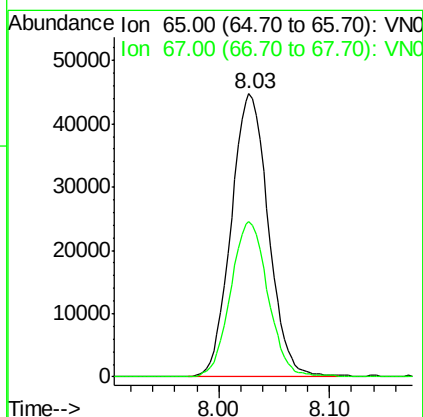
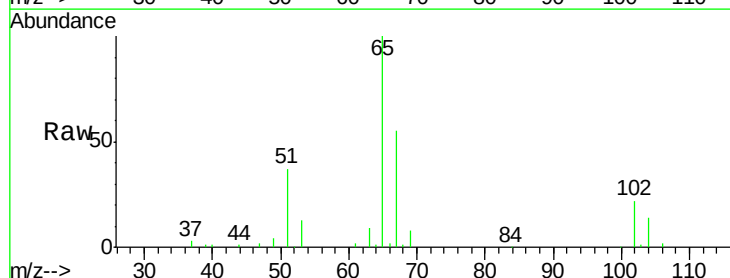
Instrument :
 MSVOA_N
 ClientSampleId :
 TT-004-IDW/GW-20190708

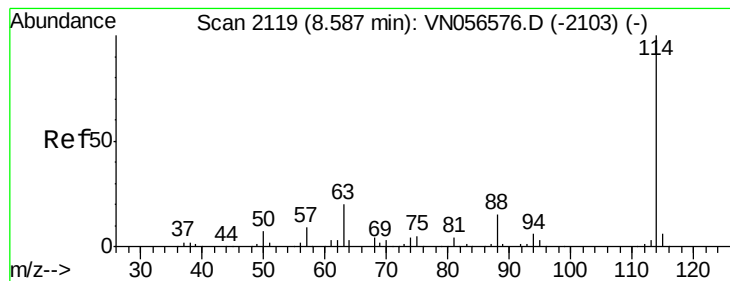
Tgt Ion:128 Resp: 50118
 Ion Ratio Lower Upper
 128 100
 49 156.8 0.0 355.8
 130 128.0 0.0 326.3



#27
 1,2-Dichloroethane-d4
 Concen: 30.308 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056630.D
 Acq: 9 Jul 2019 15:16

Tgt Ion: 65 Resp: 104716
 Ion Ratio Lower Upper
 65 100
 67 55.0 43.4 65.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056630.D

Acq: 9 Jul 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

TT-004-IDW/GW-20190708

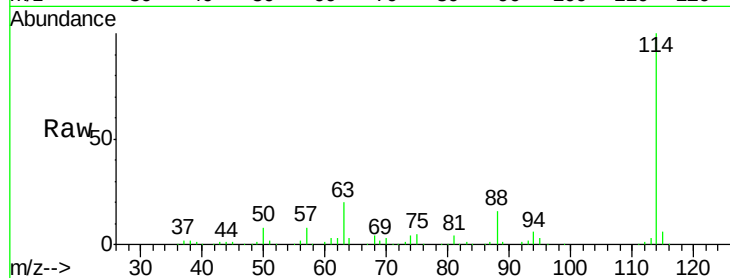
Tgt Ion:114 Resp: 270778

Ion Ratio Lower Upper

114 100

63 19.7 14.7 22.1

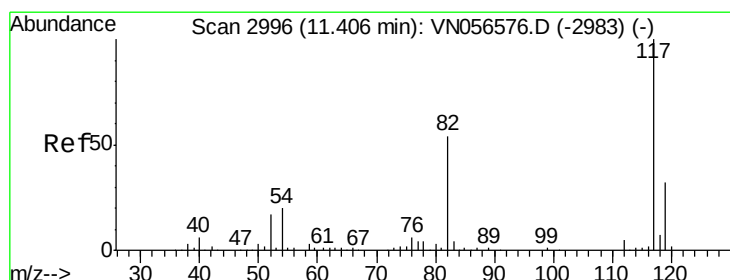
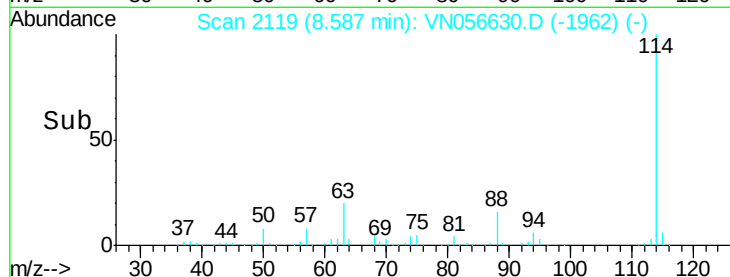
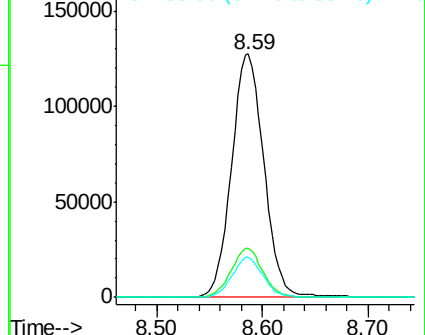
88 15.6 11.9 17.9



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN

Ion 88.00 (87.70 to 88.70): VN



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056630.D

Acq: 9 Jul 2019 15:16

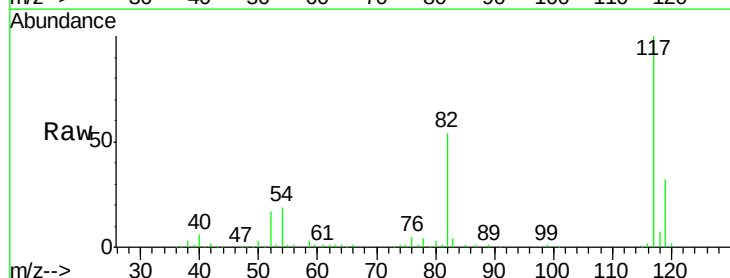
Tgt Ion:117 Resp: 222743

Ion Ratio Lower Upper

117 100

82 53.7 41.2 61.8

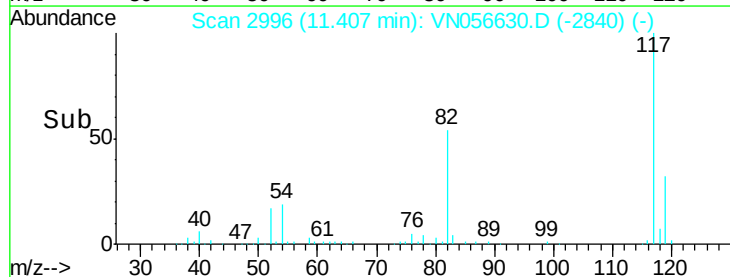
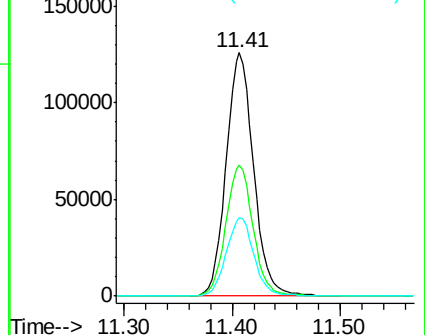
119 32.4 26.2 39.2

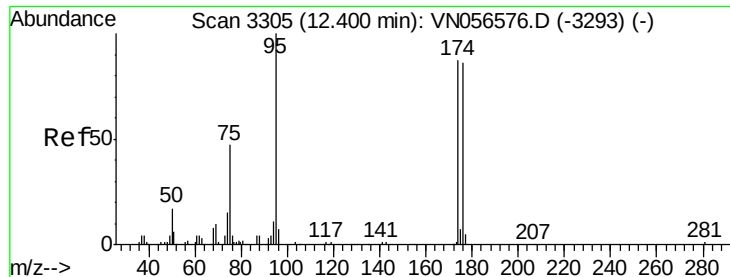


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN

Ion 119.00 (118.70 to 119.70): V

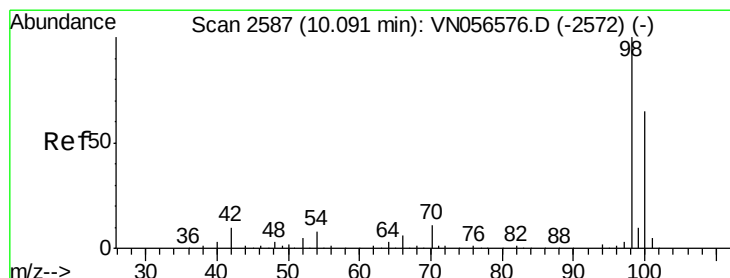
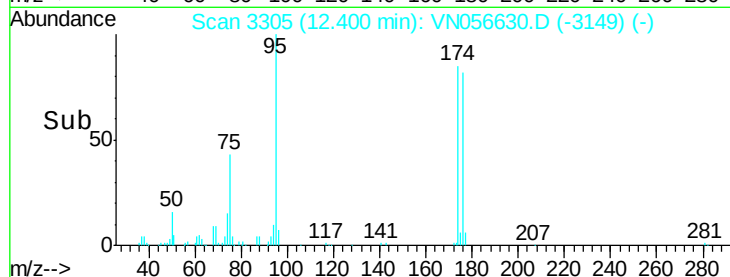
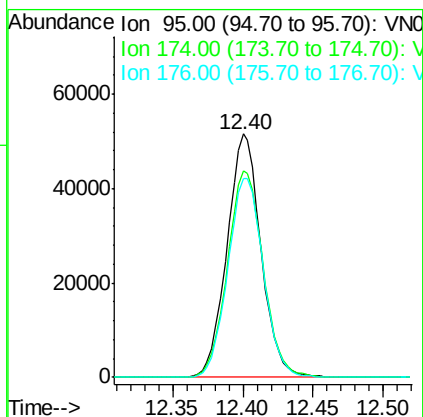
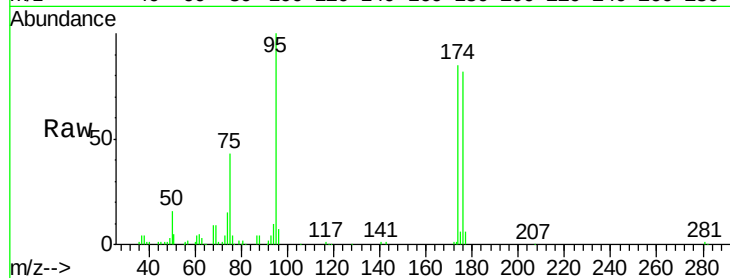




#60
4-Bromofluorobenzene
Concen: 25.283 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056630.D
Acq: 9 Jul 2019 15:16

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Tgt Ion: 95 Resp: 86537
Ion Ratio Lower Upper
95 100
174 89.3 75.4 113.0
176 85.6 73.9 110.9



#63
Toluene-d8
Concen: 30.630 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056630.D
Acq: 9 Jul 2019 15:16

Tgt Ion: 98 Resp: 317045
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

