

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070319\
Data File : VN056582.D
Acq On : 3 Jul 2019 12:15
Operator : JC/SP
Sample : K3589-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM1180

Quant Time: Jul 03 12:37:28 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	7.20	128	46828	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	260143	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	209919	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	99545	30.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.80%
60) 4-Bromofluorobenzene	12.40	95	80183	24.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	82.87%
63) Toluene-d8	10.09	98	304769	31.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.13%

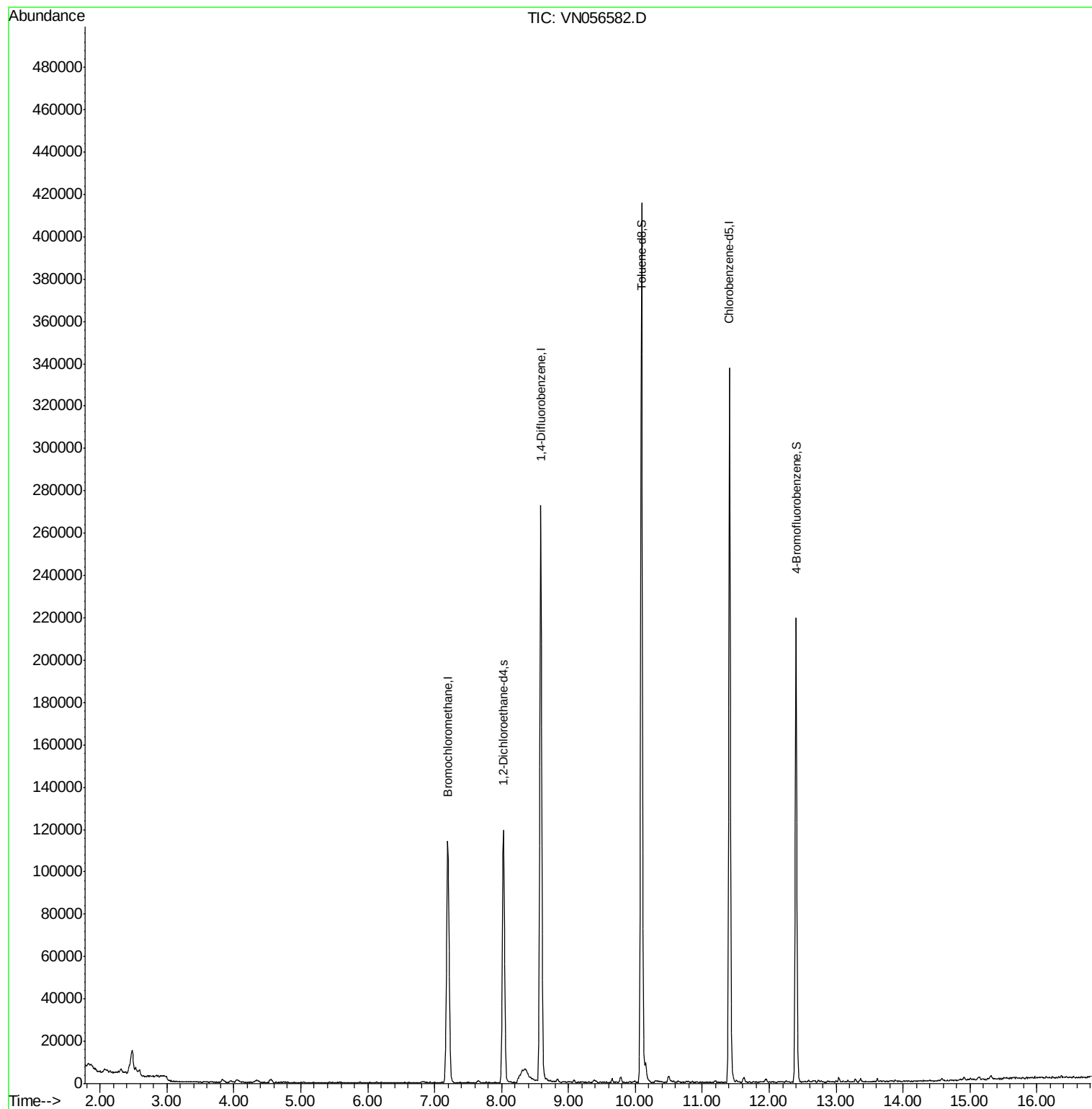
Target Compounds	Ovalue
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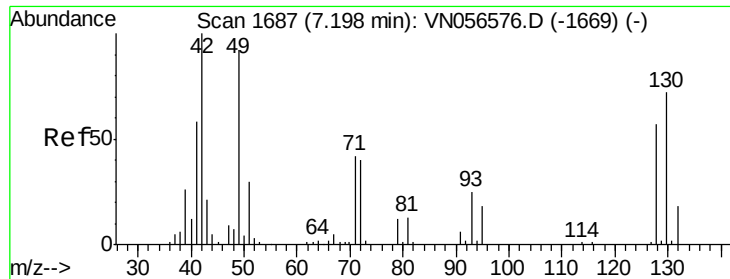
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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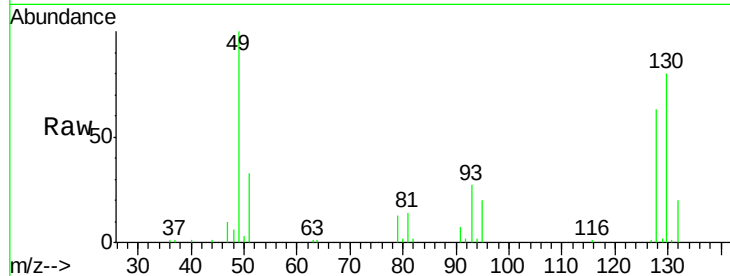




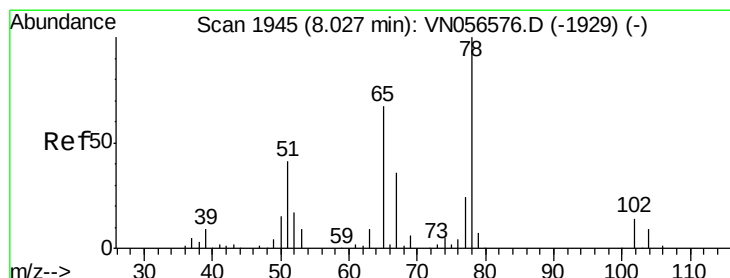
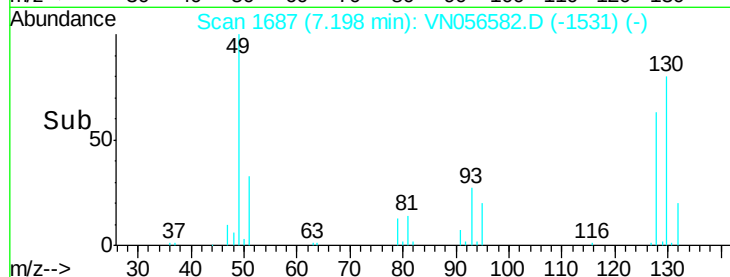
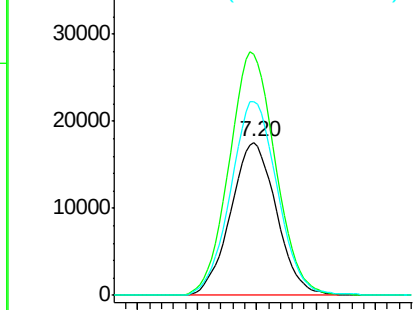
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN056582.D
Acq: 3 Jul 2019 12:15

Instrument :
MSVOA_N
ClientSampleId :
FM1180

Tot Ion:128 Resp: 46828
Ion Ratio Lower Upper
128 100
49 160.9 0.0 355.8
130 129.6 0.0 326.3

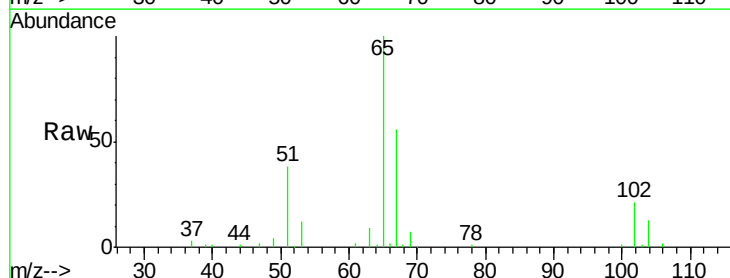


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

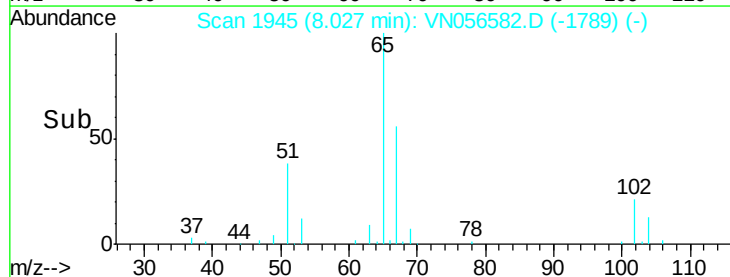
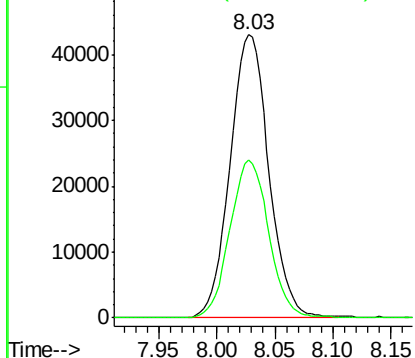


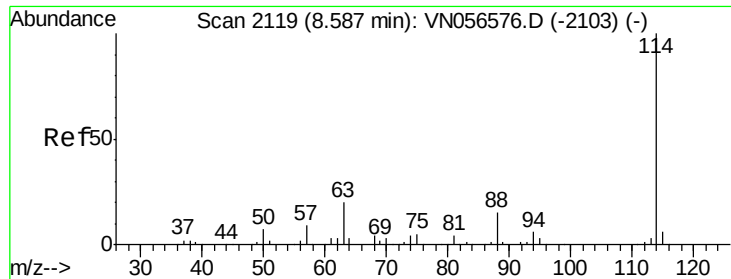
#27
1,2-Dichloroethane-d4
Concen: 30.835 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056582.D
Acq: 3 Jul 2019 12:15

Tgt Ion: 65 Resp: 99545
Ion Ratio Lower Upper
65 100
67 55.8 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN
Ion 67.00 (66.70 to 67.70): VN

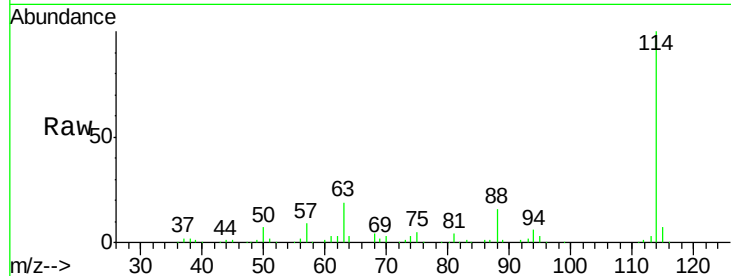




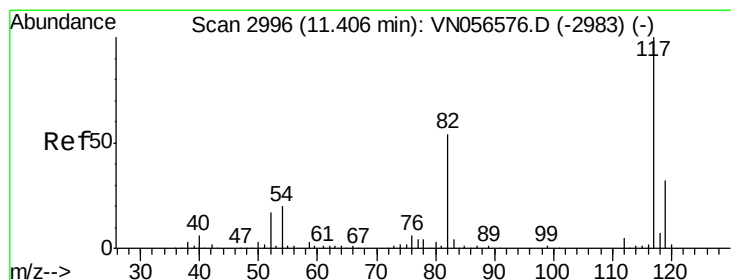
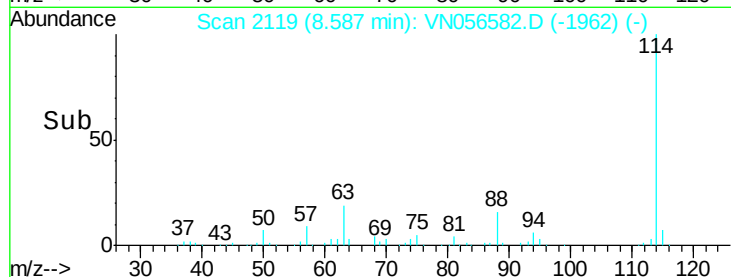
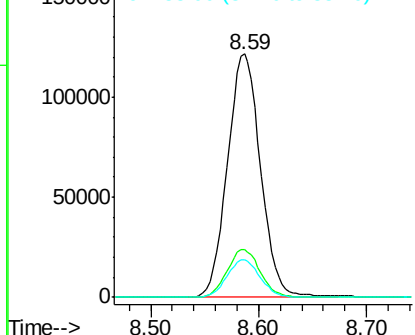
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056582.D
 Acq: 3 Jul 2019 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 FM1180

Tot Ion:114 Resp: 260143
 Ion Ratio Lower Upper
 114 100
 63 19.6 14.7 22.1
 88 15.3 11.9 17.9

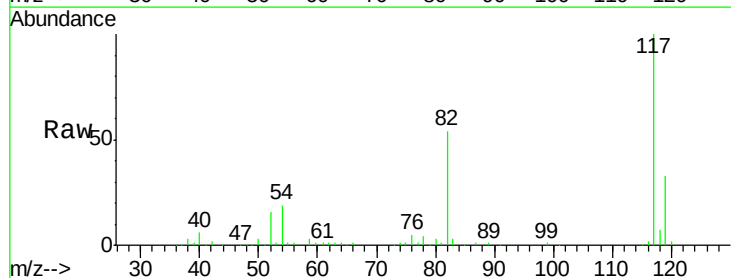


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 88.00 (87.70 to 88.70): V

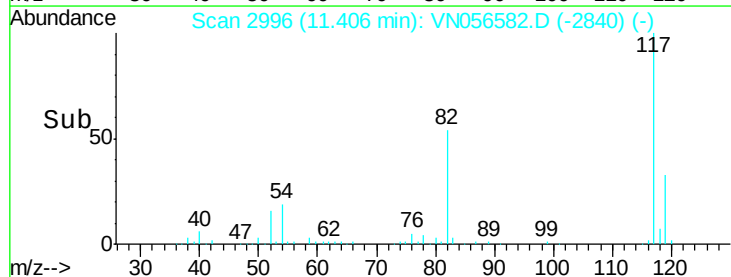
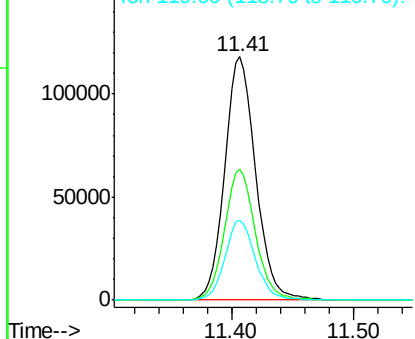


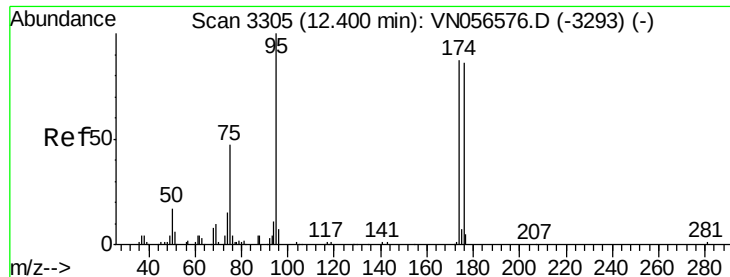
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN056582.D
 Acq: 3 Jul 2019 12:15

Tgt Ion:117 Resp: 209919
 Ion Ratio Lower Upper
 117 100
 82 53.5 41.2 61.8
 119 32.1 26.2 39.2



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 24.858 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056582.D

Acq: 3 Jul 2019 12:15

Instrument :

MSVOA_N

ClientSampled :

FM1180

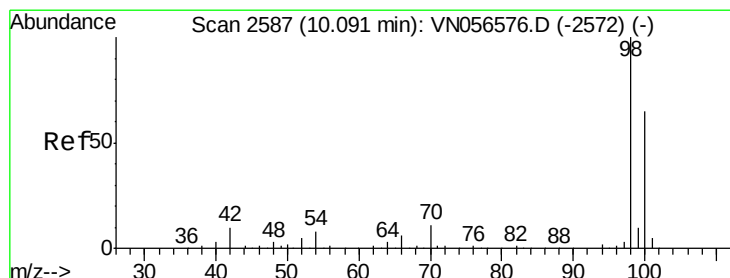
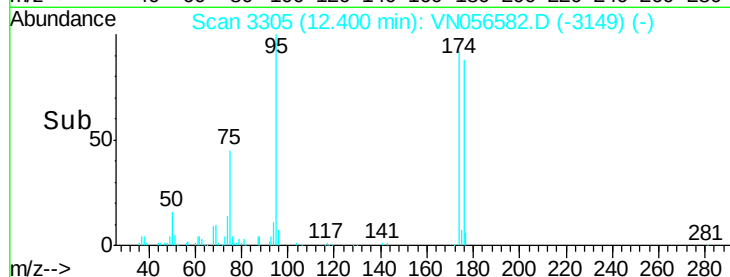
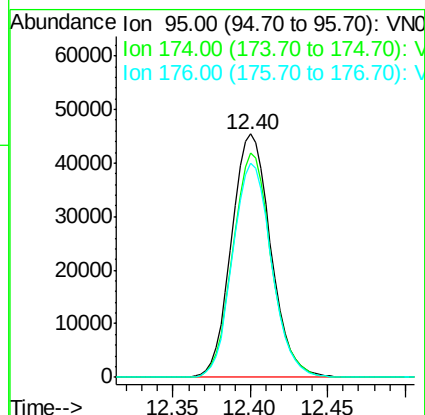
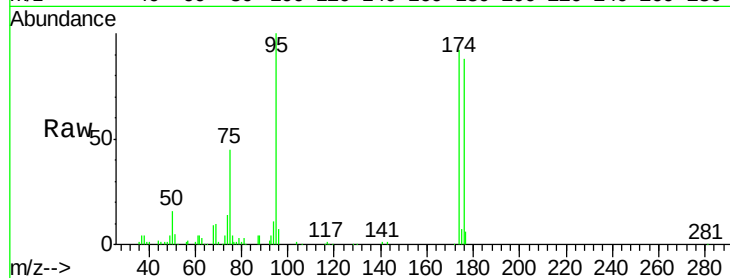
Tot Ion: 95 Resp: 80183

Ion Ratio Lower Upper

95 100

174 90.0 75.4 113.0

176 86.9 73.9 110.9



#63

Toluene-d8

Concen: 31.243 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056582.D

Acq: 3 Jul 2019 12:15

Tgt Ion: 98 Resp: 304769

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.4

