

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081719\
 Data File : VN057355.D
 Acq On : 16 Aug 2019 15:04
 Operator : JC/SP
 Sample : K4381-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Aug 16 15:31:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 16 13:33:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	139276	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	766891	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	592284	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	273269	30.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.73%
60) 4-Bromofluorobenzene	12.40	95	184593	21.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	70.57%
63) Toluene-d8	10.08	98	879150	32.91	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.70%

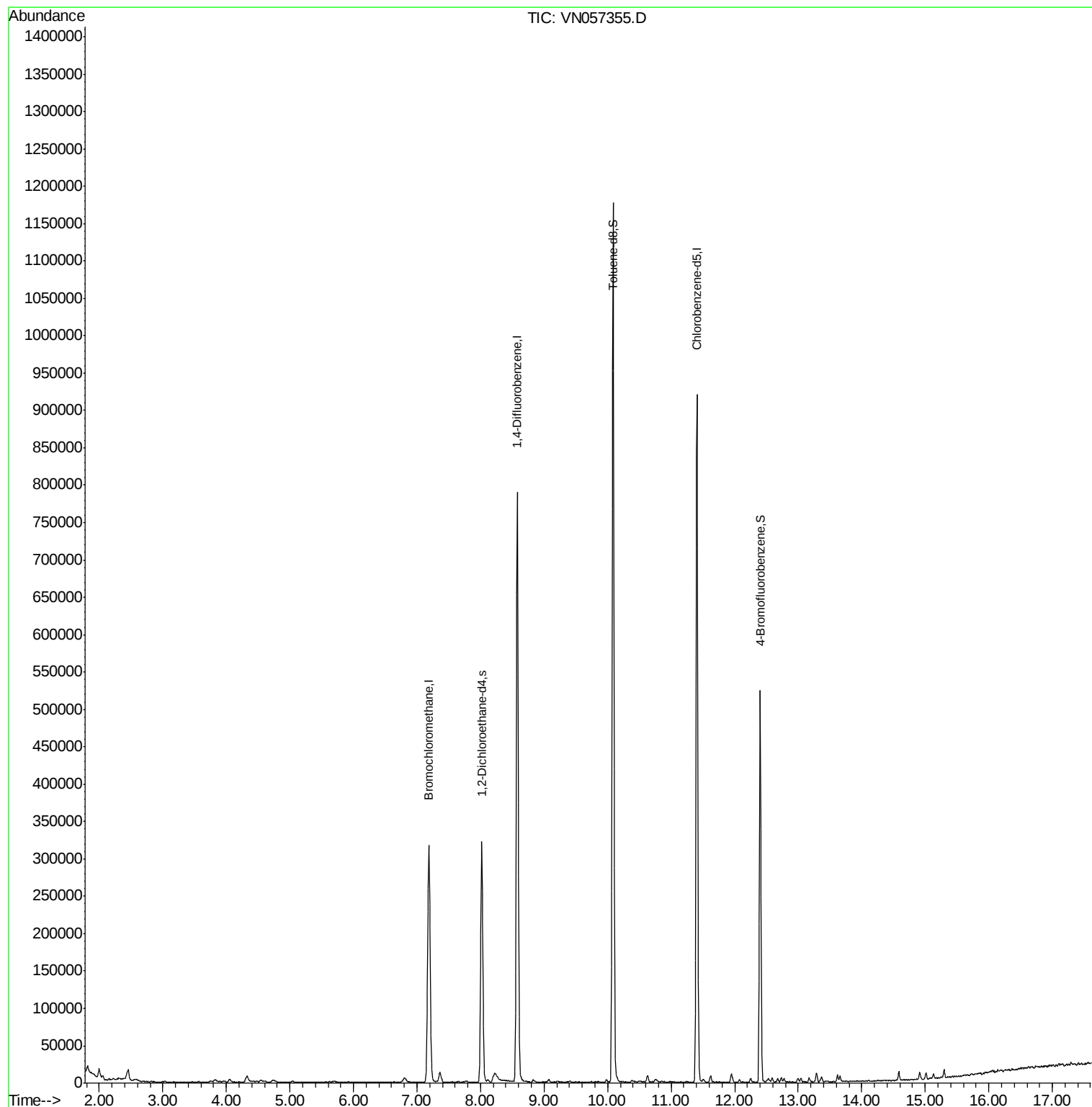
Target Compounds	Ovalue

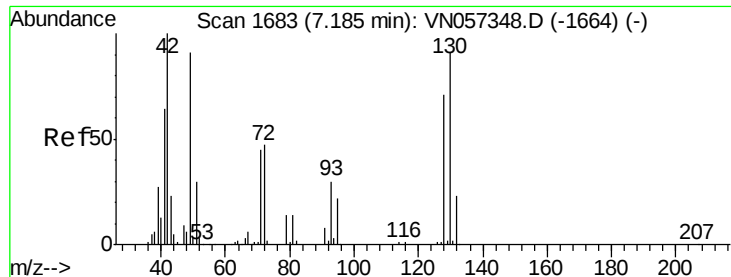
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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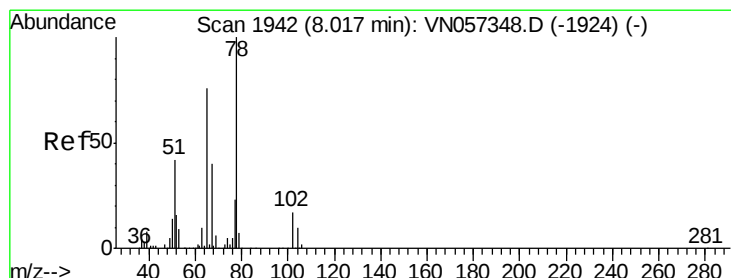
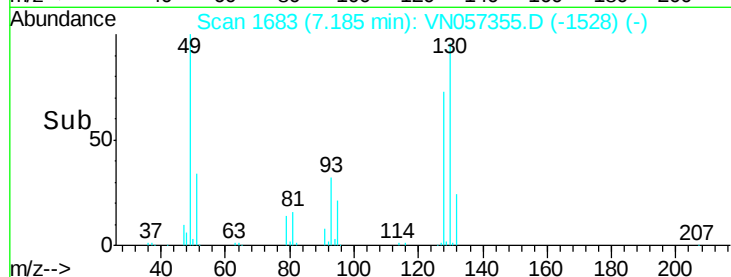
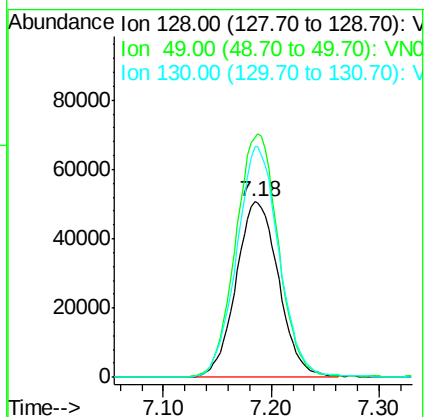
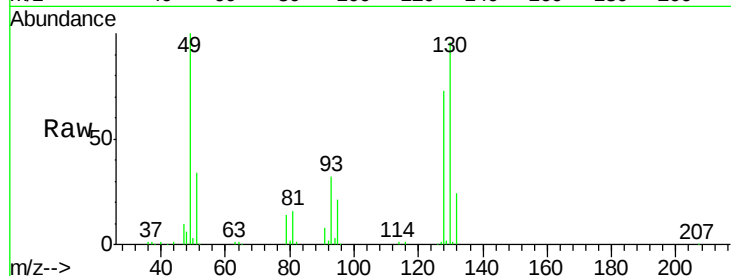




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN057355.D
 Acq: 16 Aug 2019 15:04

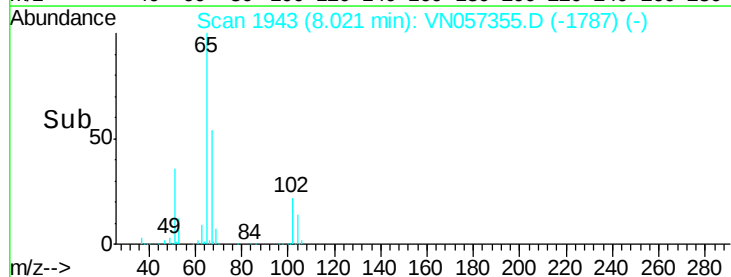
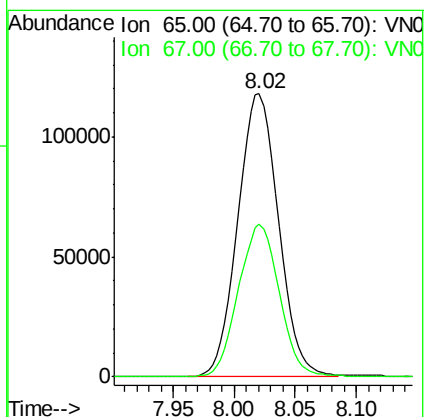
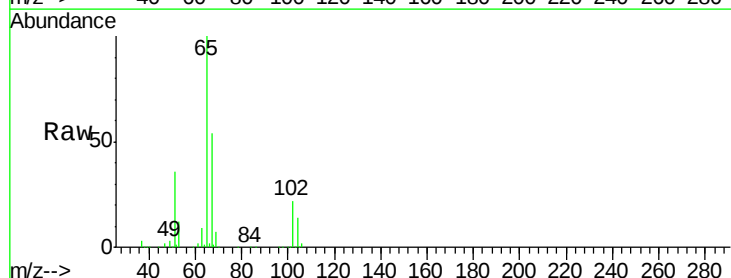
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

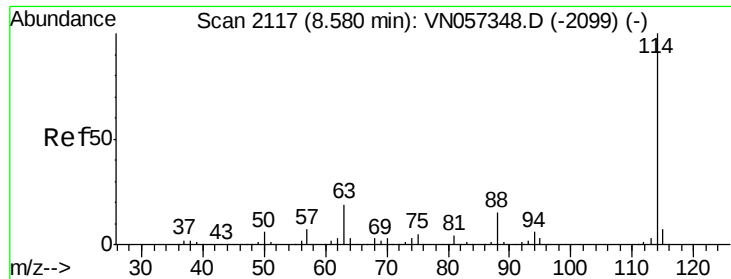
Tot Ion:128 Resp: 139276
 Ion Ratio Lower Upper
 128 100
 49 139.1 0.0 390.5
 130 130.1 0.0 316.5



#27
 1,2-Dichloroethane-d4
 Concen: 30.518 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057355.D
 Acq: 16 Aug 2019 15:04

Tgt Ion: 65 Resp: 273269
 Ion Ratio Lower Upper
 65 100
 67 54.1 43.4 65.0

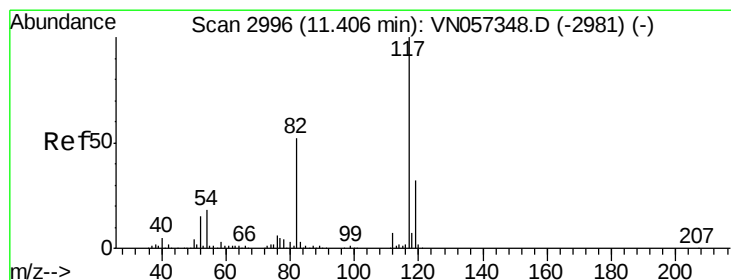
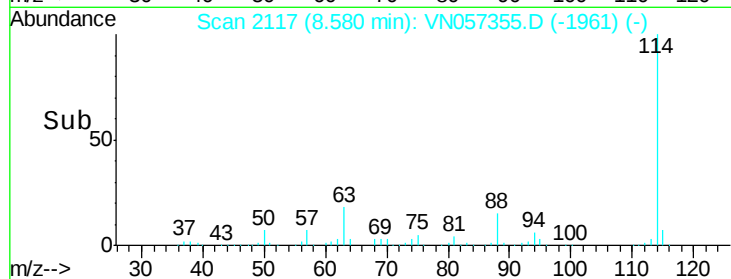
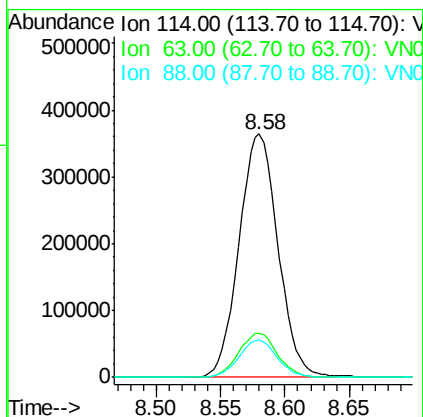
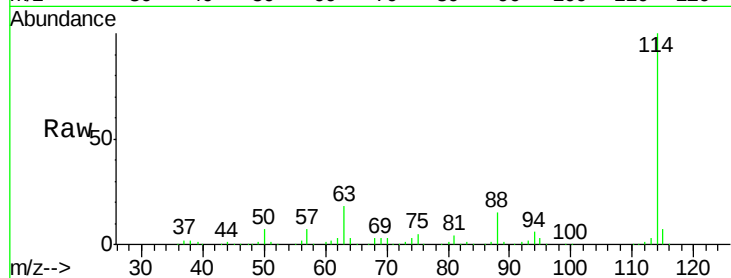




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057355.D
 Acq: 16 Aug 2019 15:04

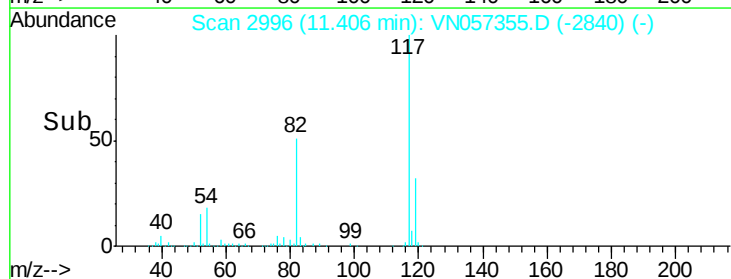
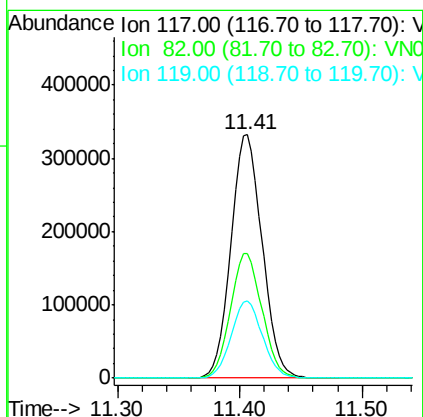
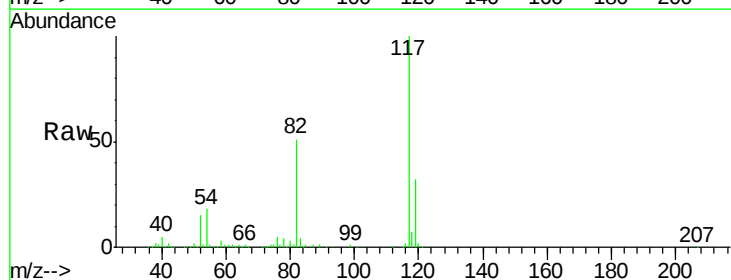
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

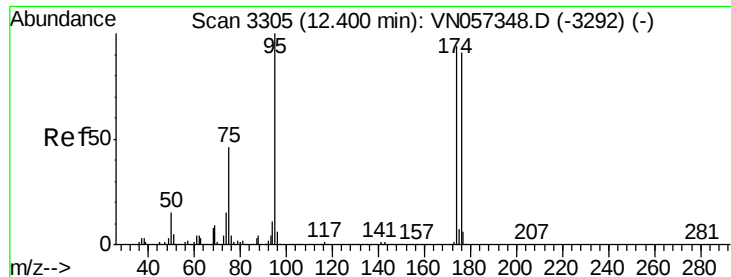
Tot Ion:114 Resp: 766891
 Ion Ratio Lower Upper
 114 100
 63 18.2 16.2 24.2
 88 15.0 12.3 18.5



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057355.D
 Acq: 16 Aug 2019 15:04

Tgt Ion:117 Resp: 592284
 Ion Ratio Lower Upper
 117 100
 82 51.6 43.0 64.4
 119 31.8 26.0 39.0





#60

4-Bromofluorobenzene

Concen: 21.165 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057355.D

Acq: 16 Aug 2019 15:04

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

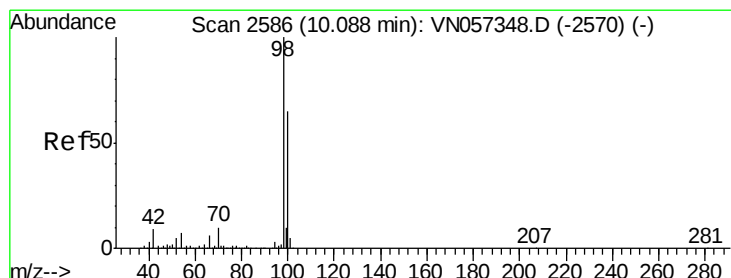
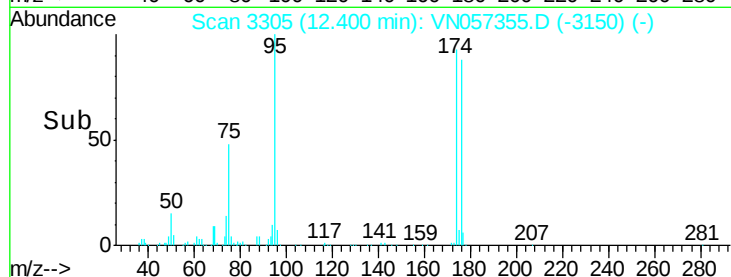
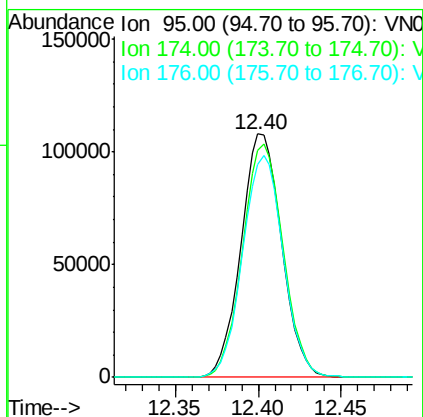
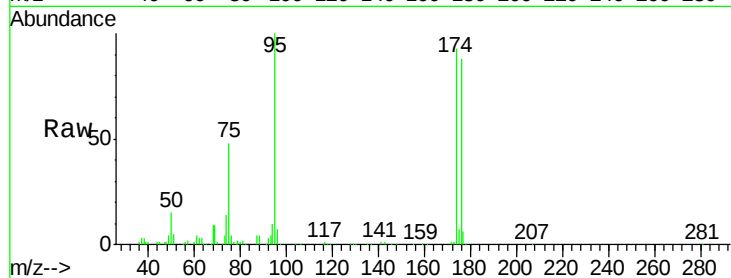
Tot Ion: 95 Resp: 184593

Ion Ratio Lower Upper

95 100

174 95.6 72.6 108.8

176 91.2 71.0 106.6



#63

Toluene-d8

Concen: 32.908 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057355.D

Acq: 16 Aug 2019 15:04

Tgt Ion: 98 Resp: 879150

Ion Ratio Lower Upper

98 100

100 64.8 51.1 76.7

