

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083019\
 Data File : VN057583.D
 Acq On : 30 Aug 2019 12:37
 Operator : JC/SP
 Sample : K4577-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-1

Quant Time: Aug 31 00:18:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N083019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Aug 31 00:00:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	80477	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	464324	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	357939	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	197910	31.92	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.40%
60) 4-Bromofluorobenzene	12.40	95	117980	21.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	72.27%
63) Toluene-d8	10.08	98	552512	33.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	111.10%

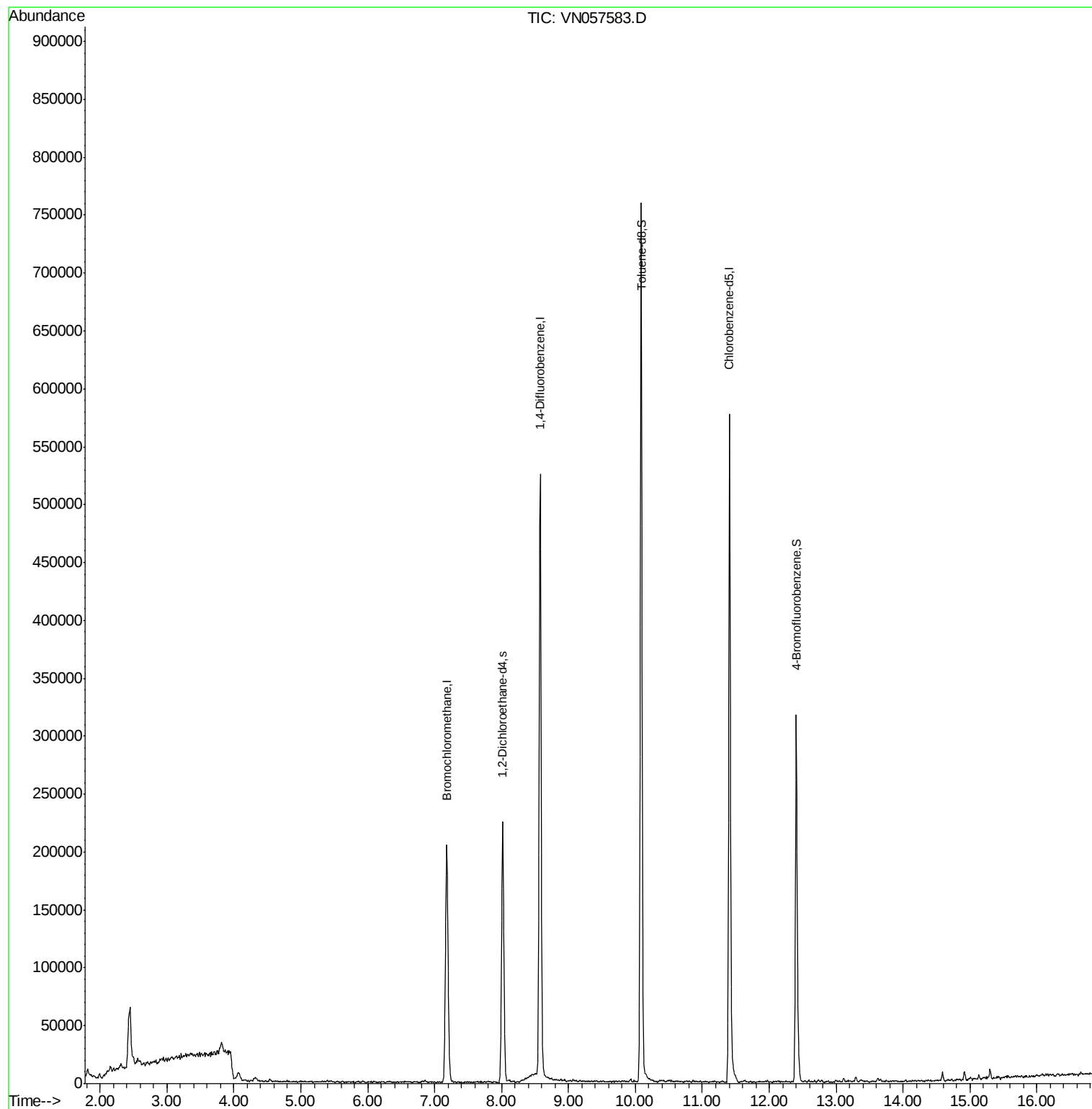
Target Compounds	Qvalue

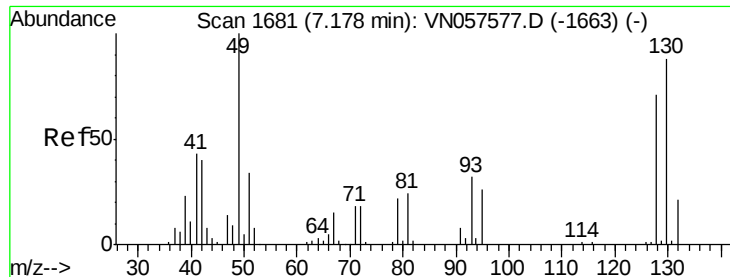
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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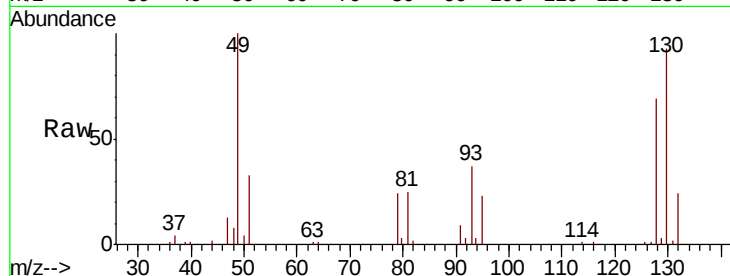




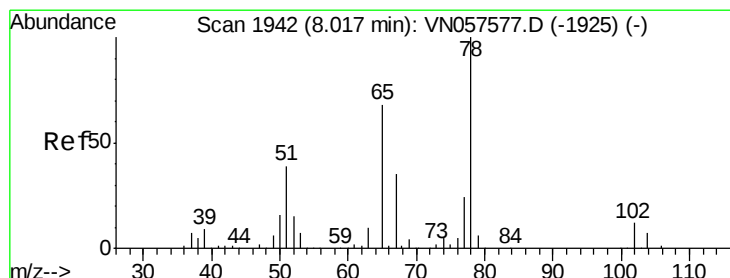
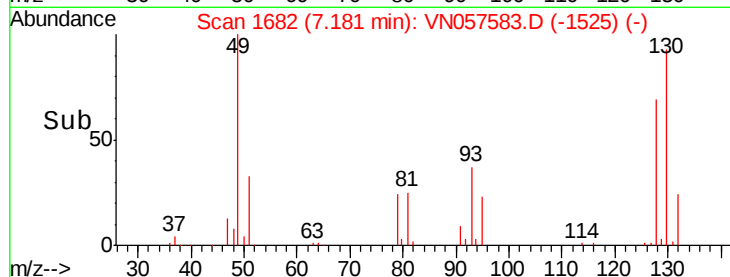
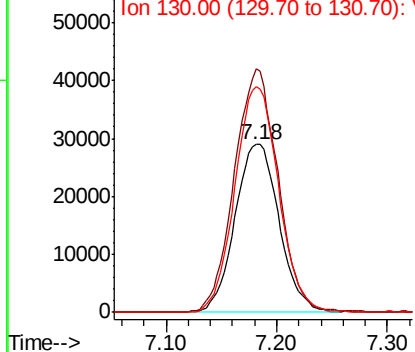
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: VN057583.D
 Acq: 30 Aug 2019 12:37

Instrument :
 MSVOA_N
 ClientSampled :
 GW-1

Tgt Ion:128 Resp: 80477
 Ion Ratio Lower Upper
 128 100
 49 141.5 0.0 352.3
 130 132.5 0.0 324.7

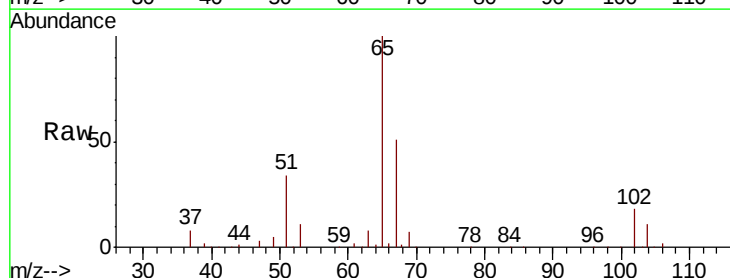


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

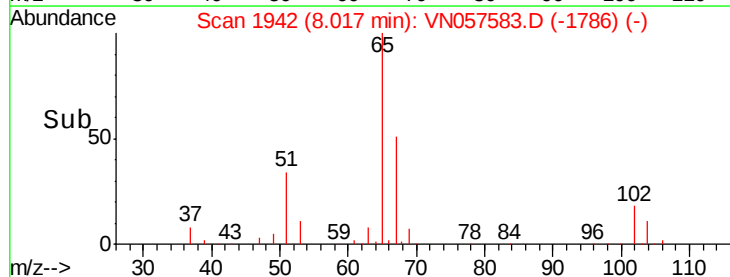
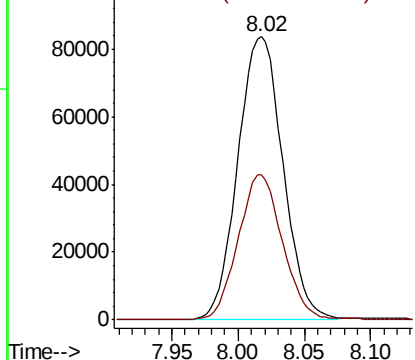


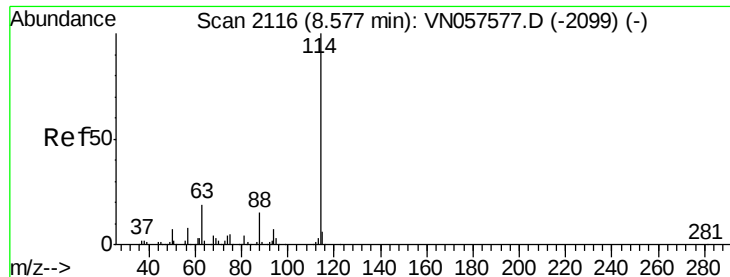
#27
 1,2-Dichloroethane-d4
 Concen: 31.916 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057583.D
 Acq: 30 Aug 2019 12:37

Tgt Ion: 65 Resp: 197910
 Ion Ratio Lower Upper
 65 100
 67 50.3 39.8 59.6



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

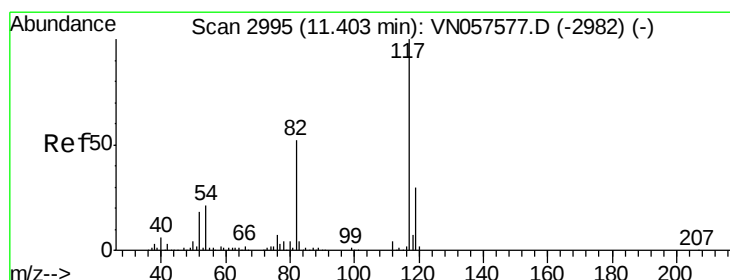
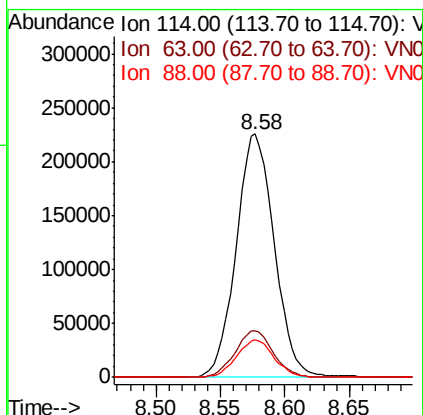
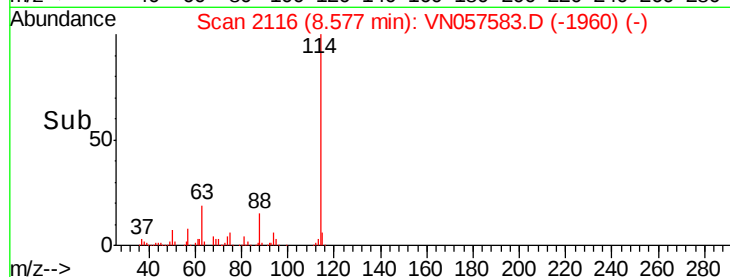
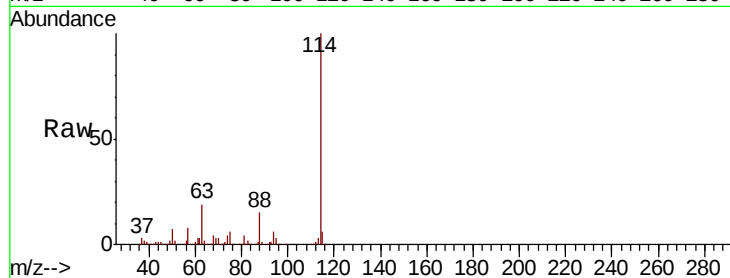




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057583.D
 Acq: 30 Aug 2019 12:37

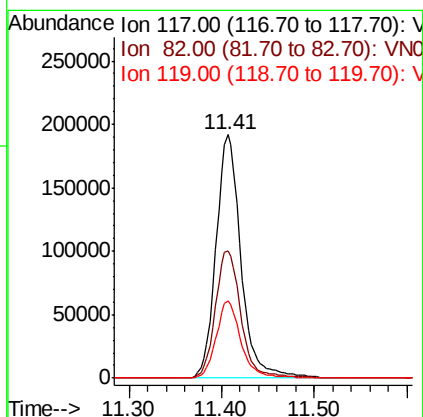
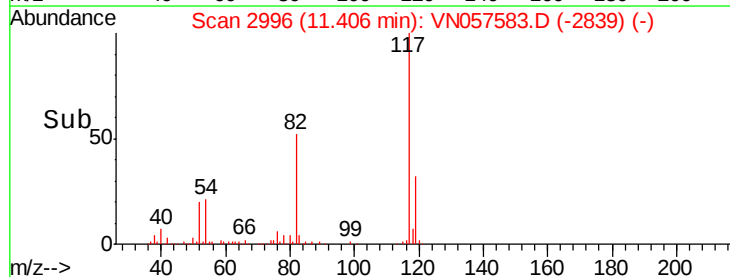
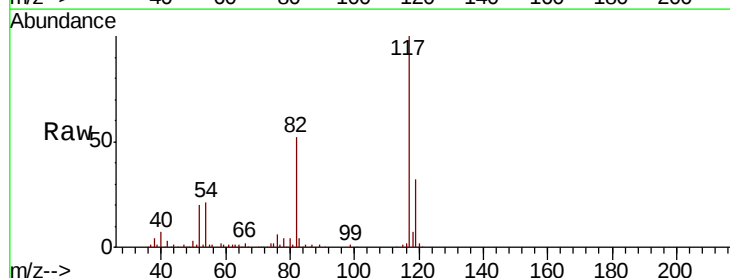
Instrument :
 MSVOA_N
 ClientSampleId :
 GW-1

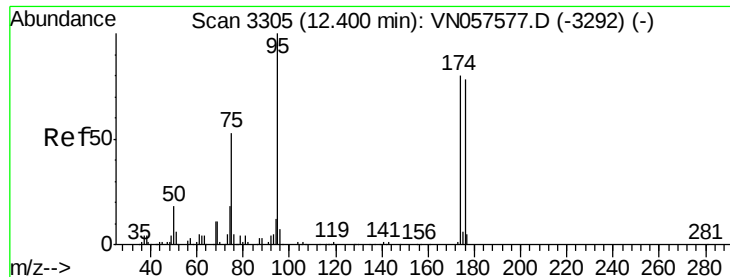
Tgt Ion:114 Resp: 464324
 Ion Ratio Lower Upper
 114 100
 63 19.3 15.4 23.0
 88 15.2 11.8 17.8



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057583.D
 Acq: 30 Aug 2019 12:37

Tgt Ion:117 Resp: 357939
 Ion Ratio Lower Upper
 117 100
 82 53.2 42.6 63.8
 119 31.6 25.0 37.6

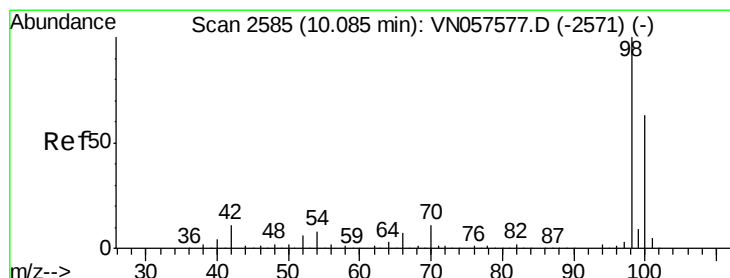
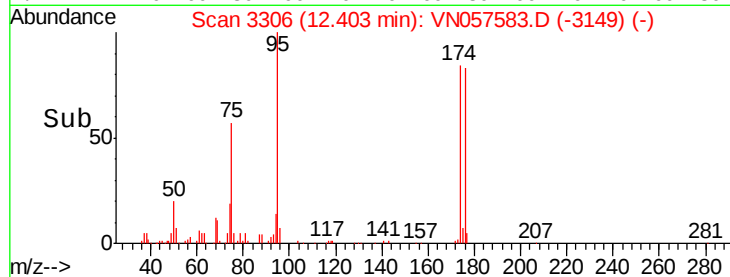
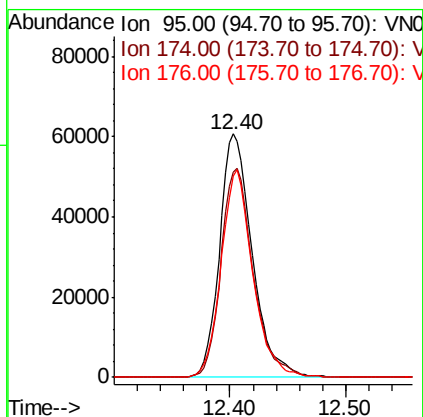
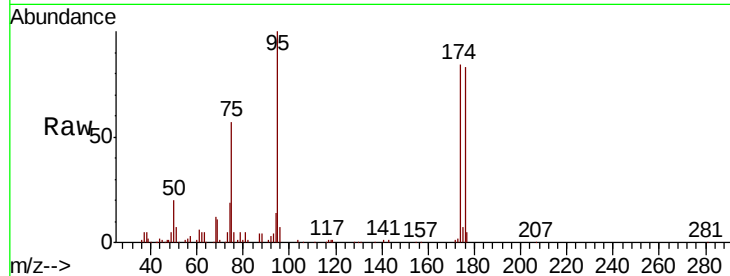




#60
4-Bromofluorobenzene
Concen: 21.681 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057583.D
Acq: 30 Aug 2019 12:37

Instrument :
MSVOA_N
ClientSampled :
GW-1

Tgt Ion: 95 Resp: 117980
Ion Ratio Lower Upper
95 100
174 85.2 66.2 99.2
176 82.6 65.0 97.6



#63
Toluene-d8
Concen: 33.331 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057583.D
Acq: 30 Aug 2019 12:37

Tgt Ion: 98 Resp: 552512
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2

