

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083019\
 Data File : VN057582.D
 Acq On : 30 Aug 2019 12:11
 Operator : JC/SP
 Sample : VN0830WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBL01

Quant Time: Aug 31 00:15:20 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	85937	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	480956	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	370862	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	200301	30.25	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.83%
60) 4-Bromofluorobenzene	12.40	95	124618	22.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.67%
63) Toluene-d8	10.09	98	561822	32.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.03%

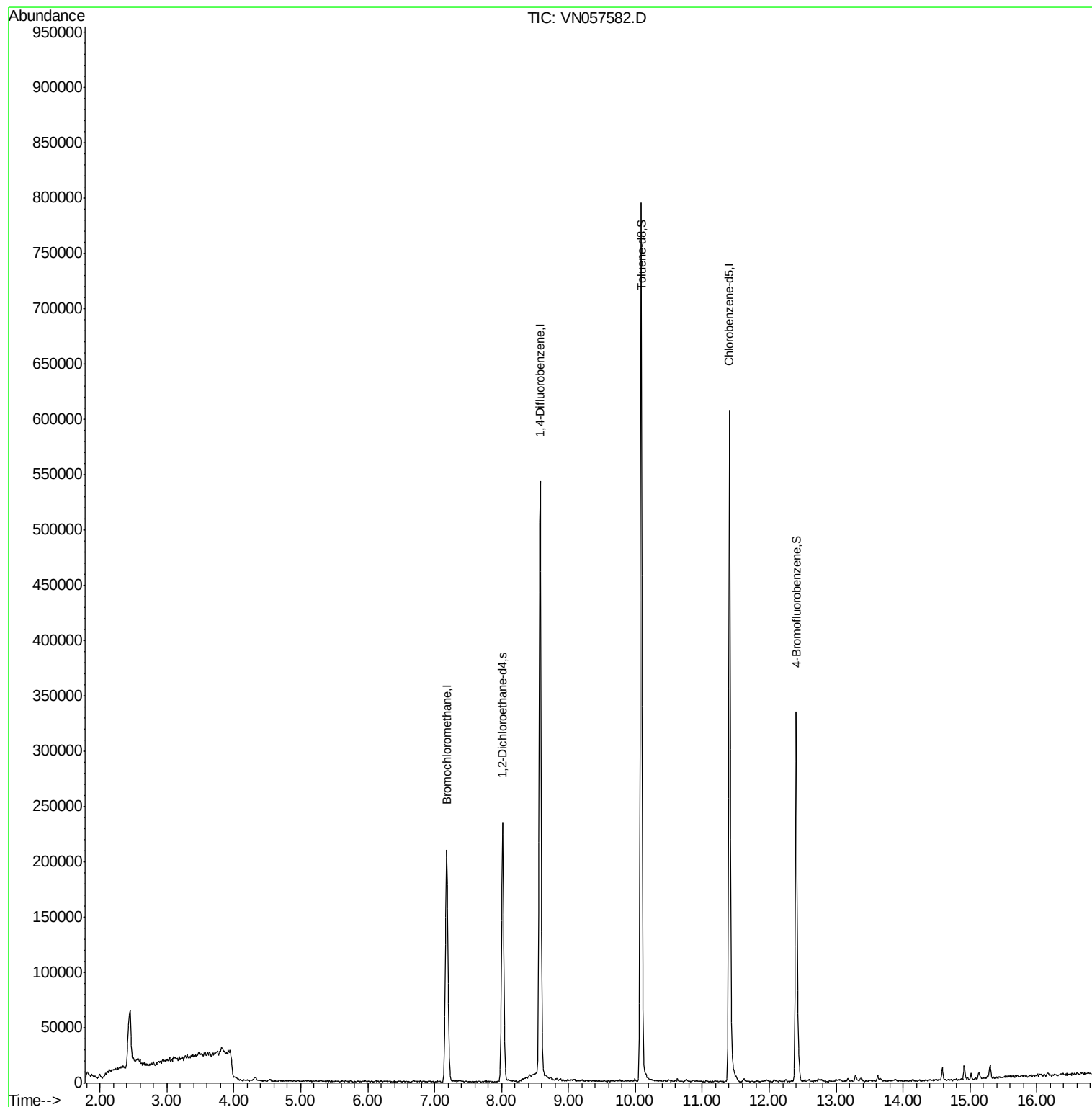
Target Compounds	Qvalue

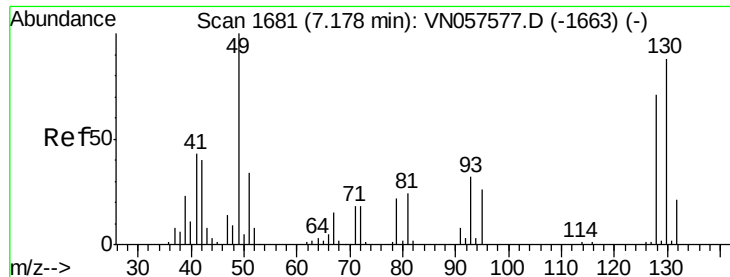
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057582.D

Acq: 30 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBL01

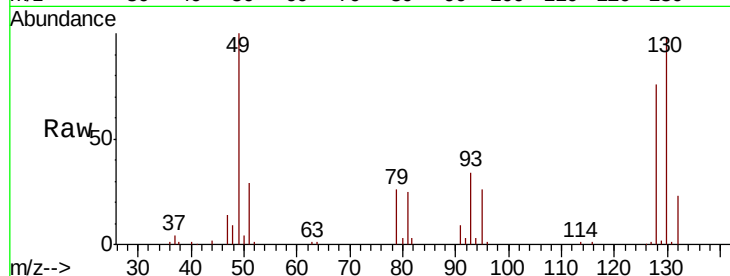
Tgt Ion:128 Resp: 85937

Ion Ratio Lower Upper

128 100

49 134.5 0.0 352.3

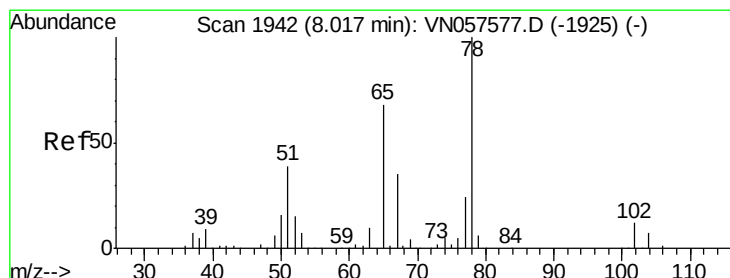
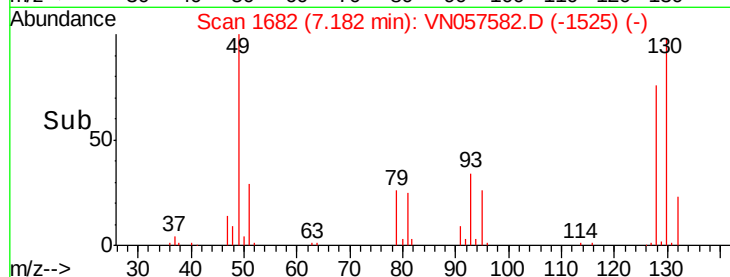
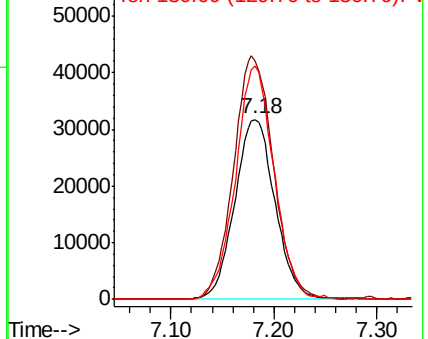
130 125.1 0.0 324.7



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: 30.249 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057582.D

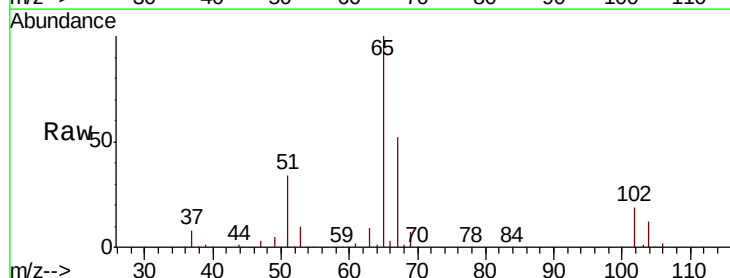
Acq: 30 Aug 2019 12:11

Tgt Ion: 65 Resp: 200301

Ion Ratio Lower Upper

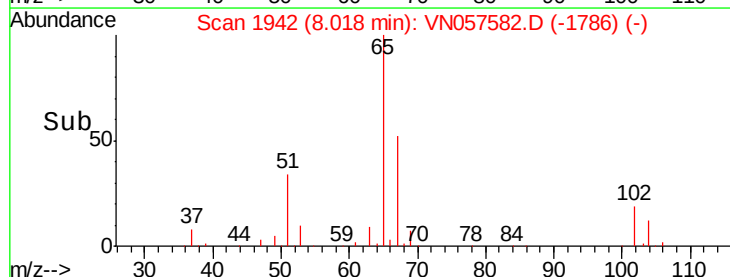
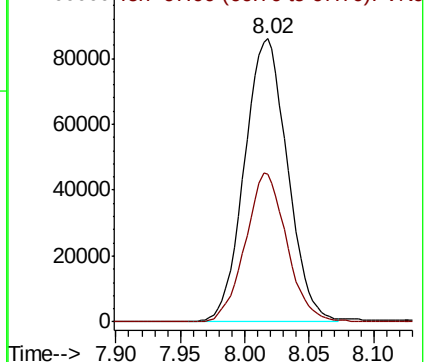
65 100

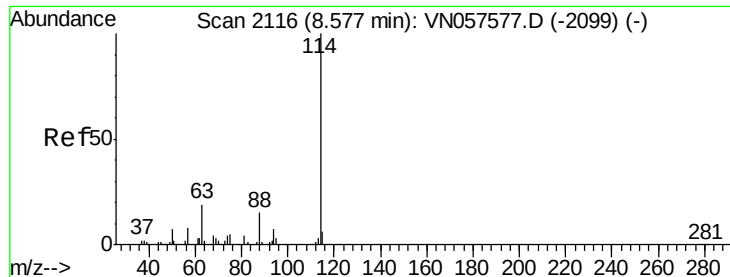
67 50.3 39.8 59.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

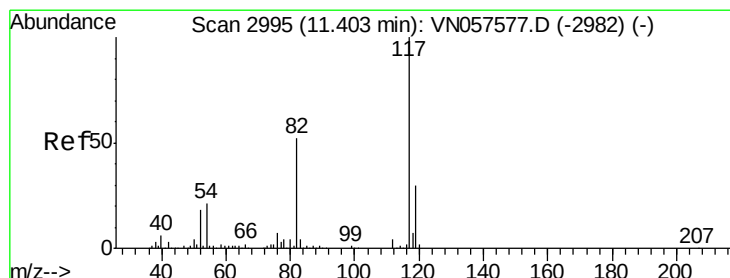
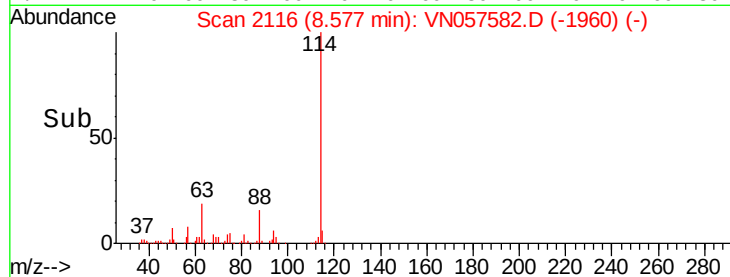
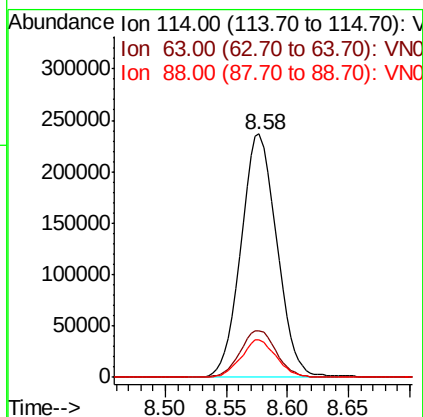
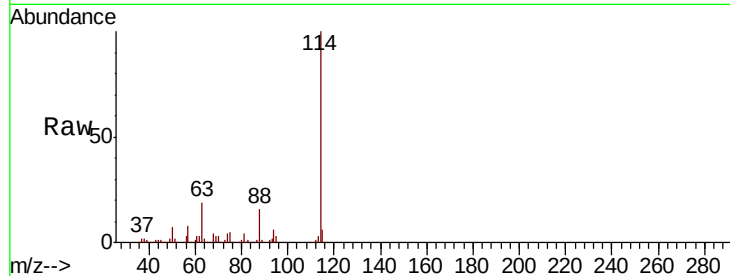




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057582.D
 Acq: 30 Aug 2019 12:11

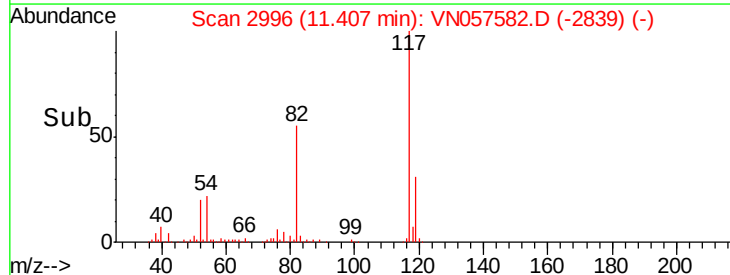
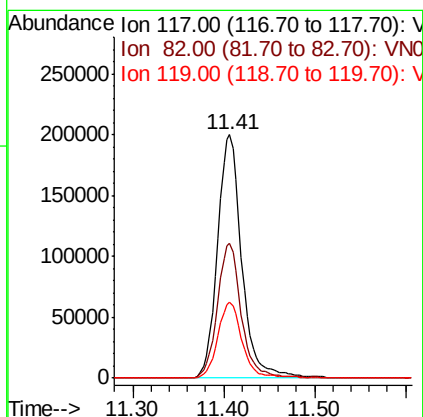
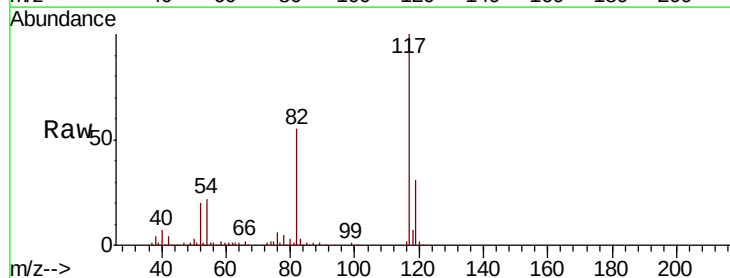
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBL01

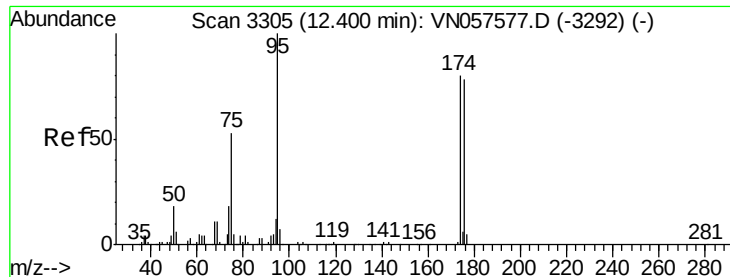
Tgt Ion:114 Resp: 480956
 Ion Ratio Lower Upper
 114 100
 63 19.4 15.4 23.0
 88 15.2 11.8 17.8



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057582.D
 Acq: 30 Aug 2019 12:11

Tgt Ion:117 Resp: 370862
 Ion Ratio Lower Upper
 117 100
 82 54.3 42.6 63.8
 119 31.0 25.0 37.6

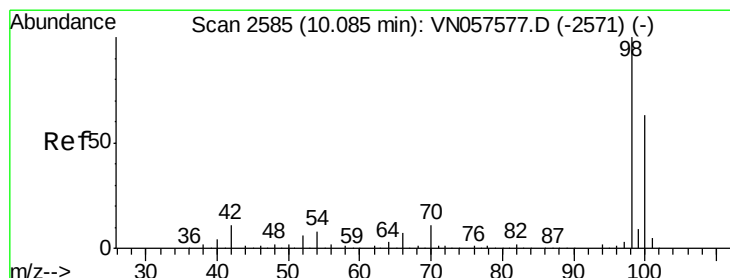
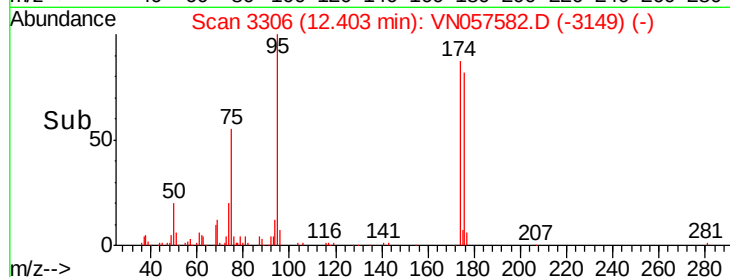
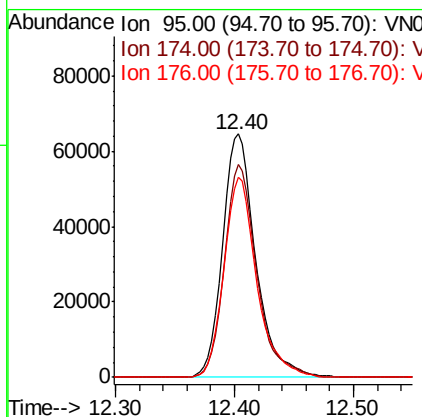
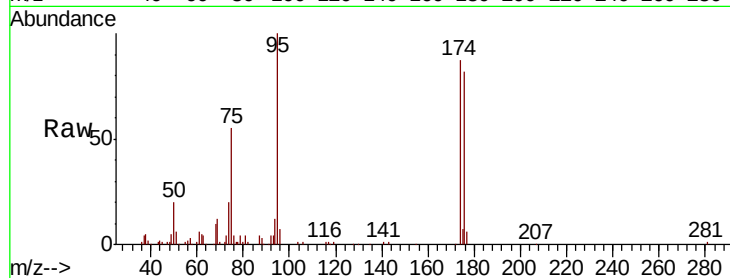




#60
4-Bromofluorobenzene
Concen: 22.103 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057582.D
Acq: 30 Aug 2019 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBL01

Tgt Ion: 95 Resp: 124618
Ion Ratio Lower Upper
95 100
174 85.0 66.2 99.2
176 81.1 65.0 97.6



#63
Toluene-d8
Concen: 32.712 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057582.D
Acq: 30 Aug 2019 12:11

Tgt Ion: 98 Resp: 561822
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

