

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102319\
 Data File : VN058908.D
 Acq On : 22 Oct 2019 15:02
 Operator : JC/SP
 Sample : VN1023WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBL01

Quant Time: Oct 23 01:59:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	54978	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	284158	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	254470	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	149303	32.00	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.67%
60) 4-Bromofluorobenzene	12.40	95	105911	23.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.30%
63) Toluene-d8	10.08	98	359920	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

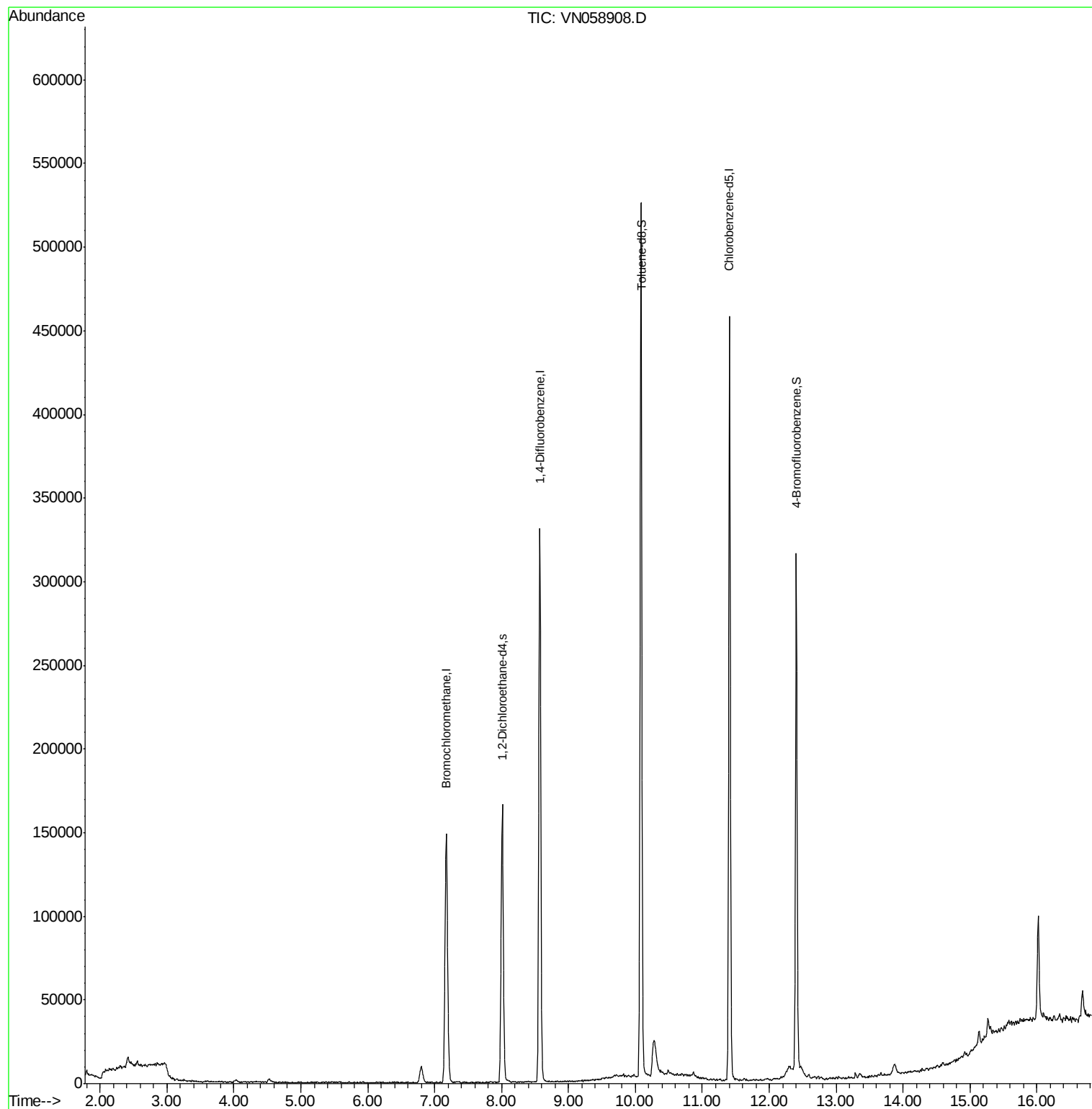
Target Compounds	Ovalue

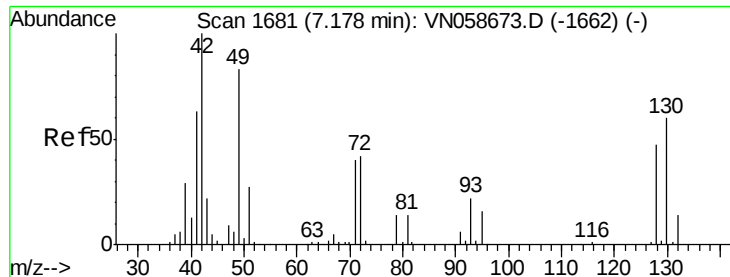
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058908.D

Acq: 22 Oct 2019 15:02

Instrument :

MSVOA_N

ClientSampled :

VN1023WBL01

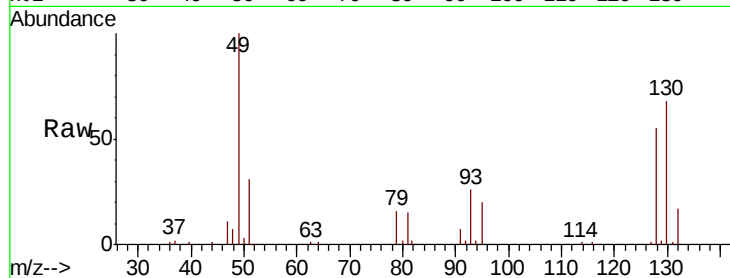
Tot Ion:128 Resp: 54978

Ion Ratio Lower Upper

128 100

49 188.8 0.0 453.5

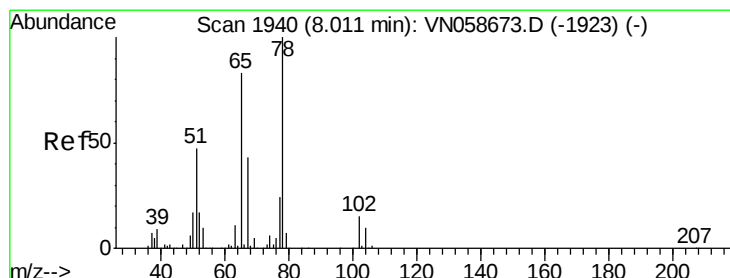
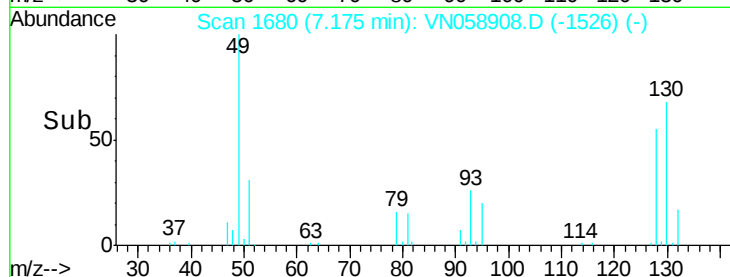
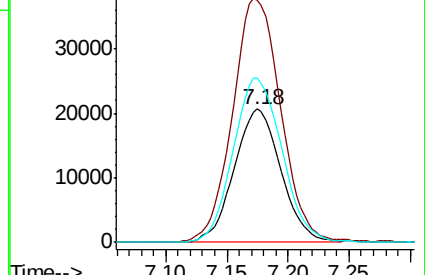
130 128.7 0.0 314.2



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: 31.997 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058908.D

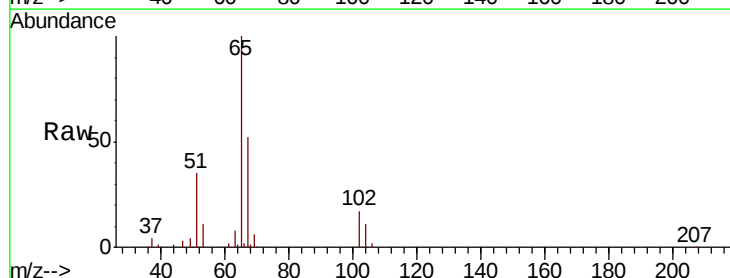
Acq: 22 Oct 2019 15:02

Tgt Ion: 65 Resp: 149303

Ion Ratio Lower Upper

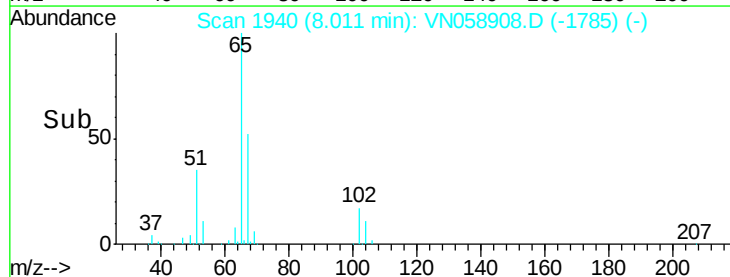
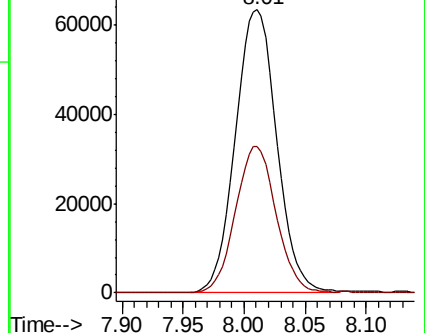
65 100

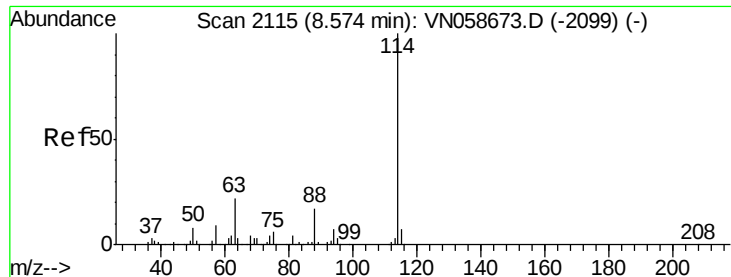
67 50.8 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

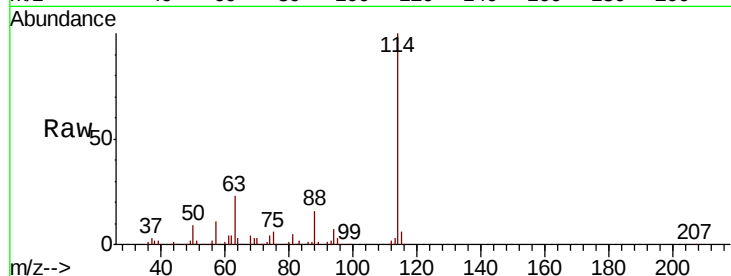




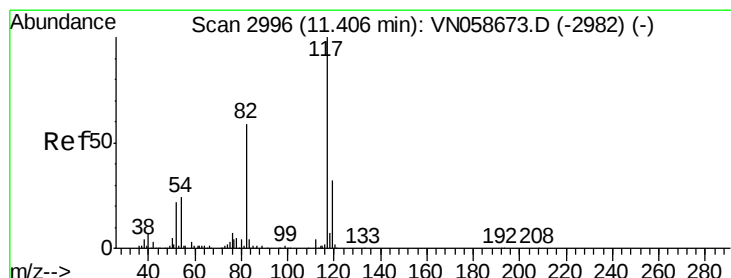
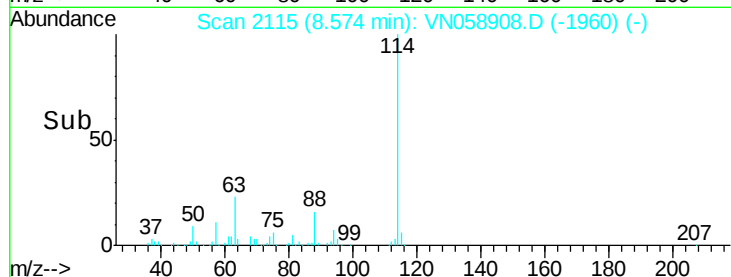
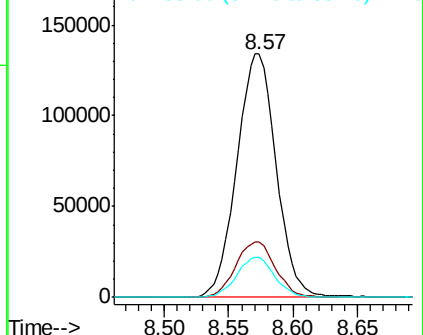
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058908.D
 Acq: 22 Oct 2019 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	18.1	27.1
88	15.9	13.0	19.4

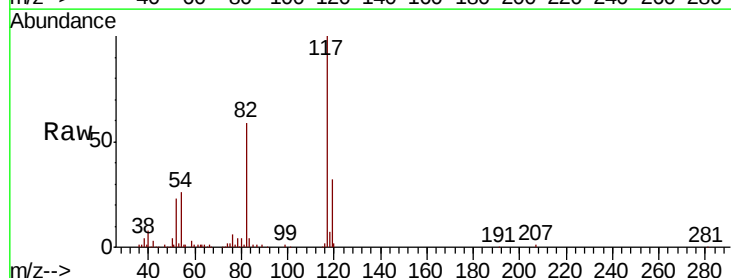


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

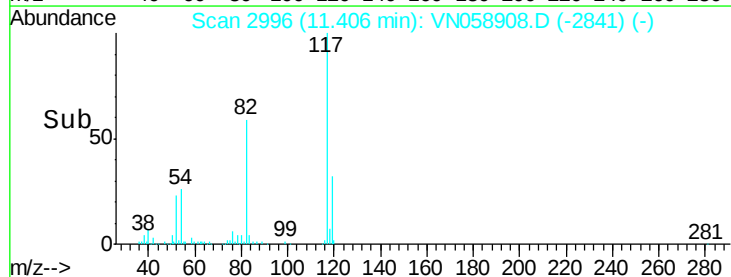
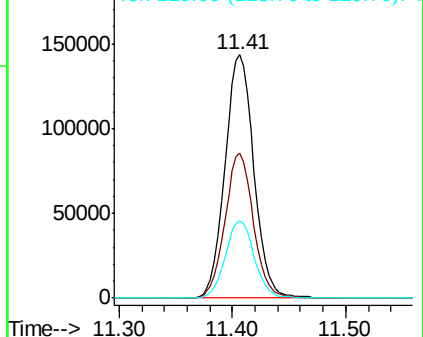


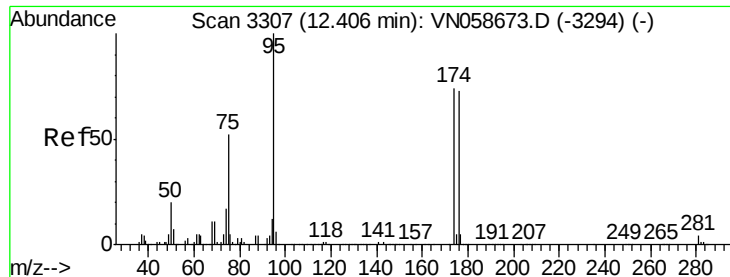
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN058908.D
 Acq: 22 Oct 2019 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.9	70.3
119	32.0	25.8	38.6



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

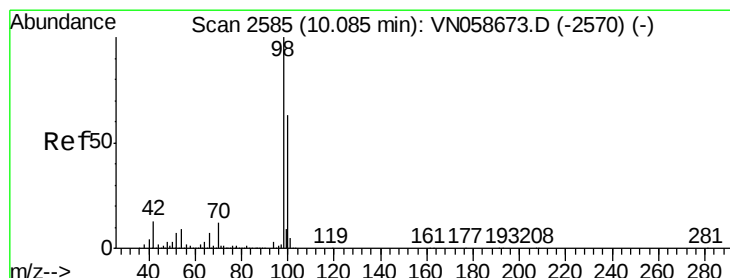
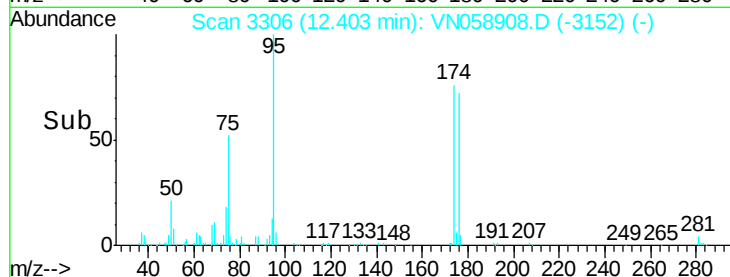
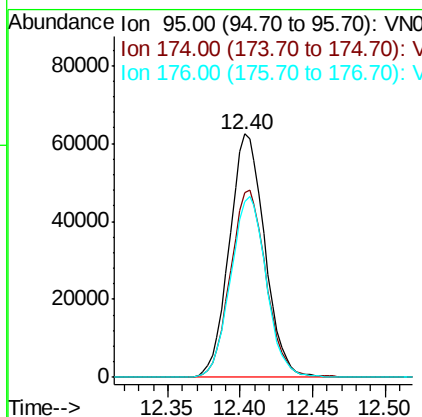
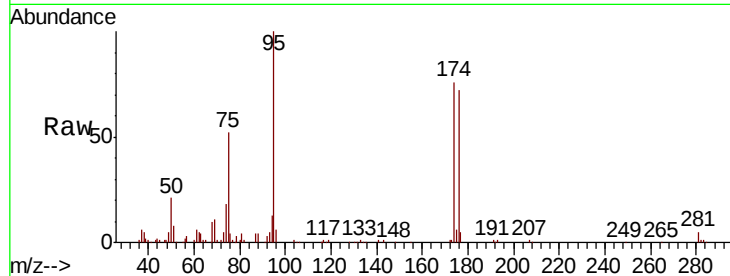




#60
4-Bromofluorobenzene
Concen: 23.793 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058908.D
Acq: 22 Oct 2019 15:02

Instrument :
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Tot Ion: 95 Resp: 105911
Ion Ratio Lower Upper
95 100
174 77.4 59.9 89.9
176 74.4 58.3 87.5



#63
Toluene-d8
Concen: 29.956 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058908.D
Acq: 22 Oct 2019 15:02

Tgt Ion: 98 Resp: 359920
Ion Ratio Lower Upper
98 100
100 63.4 50.6 75.8

