

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072020\
 Data File : VN062555.D
 Acq On : 20 Jul 2020 12:02
 Operator : JC/MD
 Sample : VN0720WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

Quant Time: Jul 21 01:14:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	38784	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	208128	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	187478	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	104183	31.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.23%
60) 4-Bromofluorobenzene	12.38	95	78726	24.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	82.27%
63) Toluene-d8	10.06	98	262379	29.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.73%

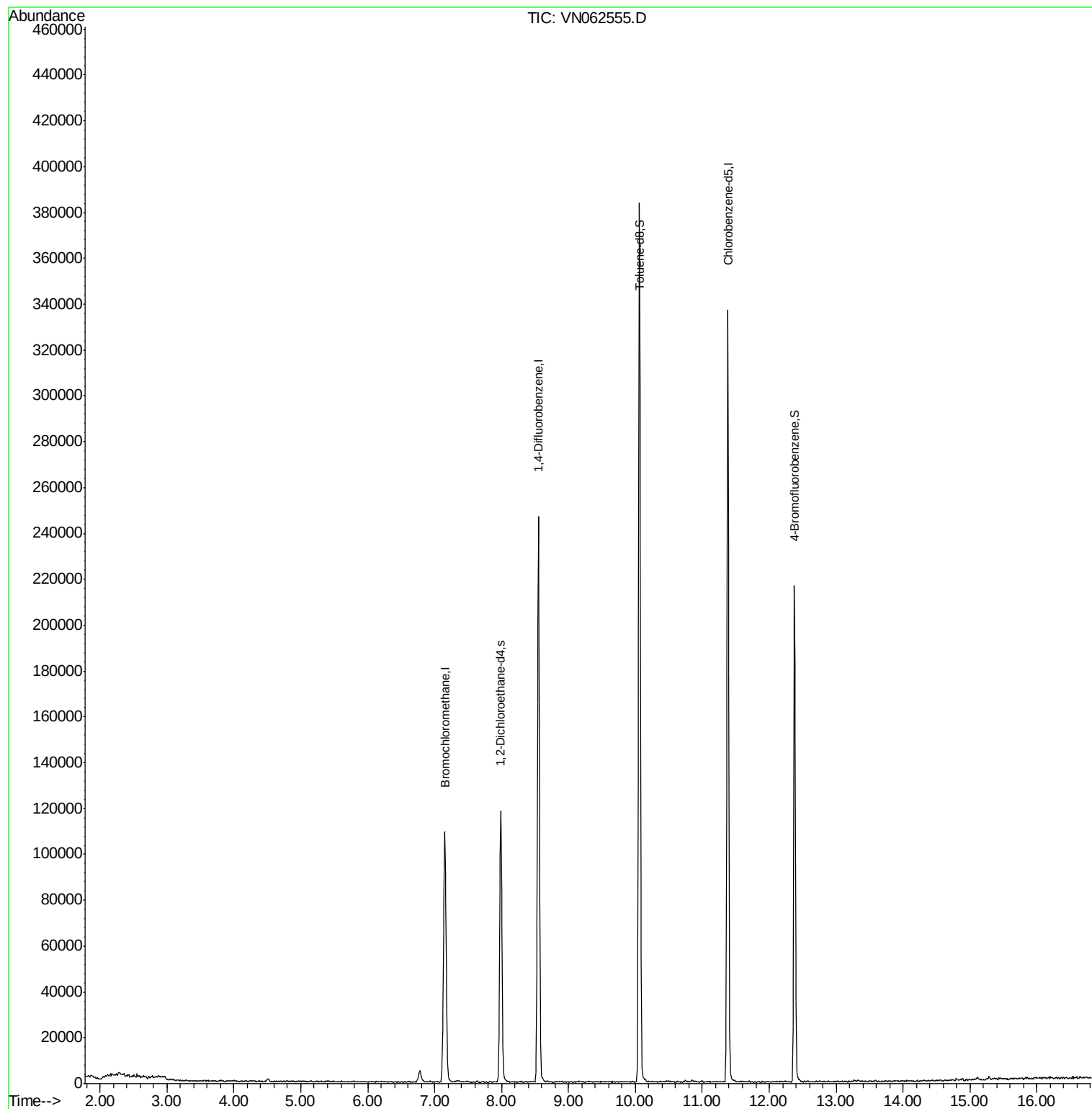
Target Compounds	Ovalue

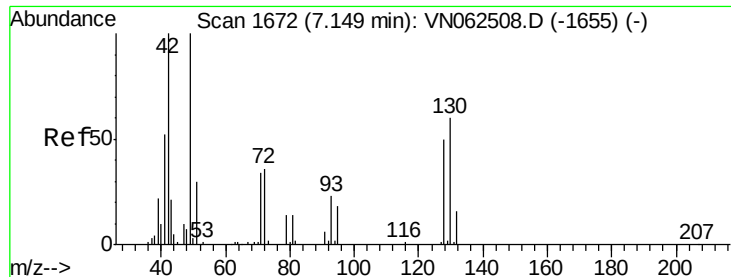
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062555.D

Acq: 20 Jul 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

VN0720WBL01

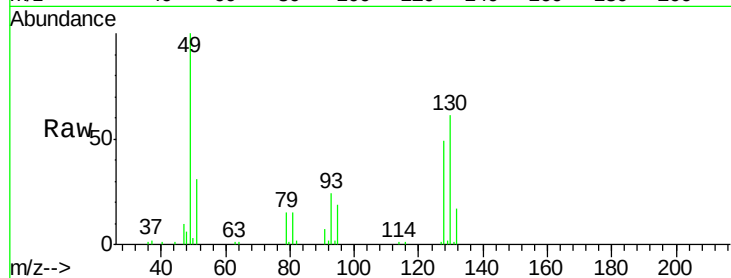
Tot Ion:128 Resp: 38784

Ion Ratio Lower Upper

128 100

49 208.8 0.0 525.0

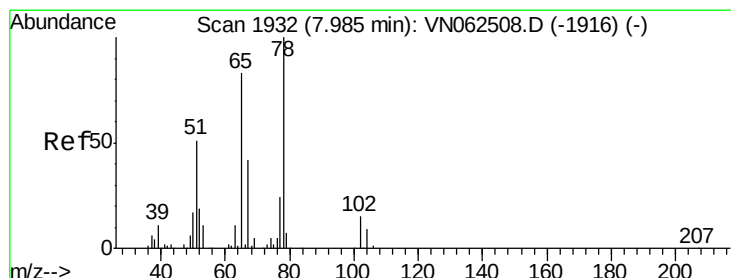
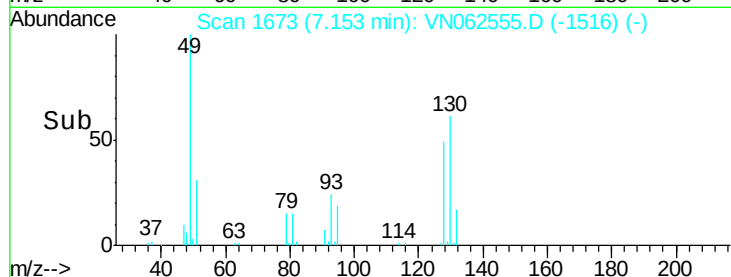
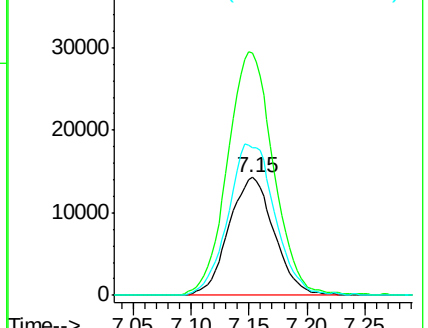
130 71.1 0.0 319.8



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: 31.270 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062555.D

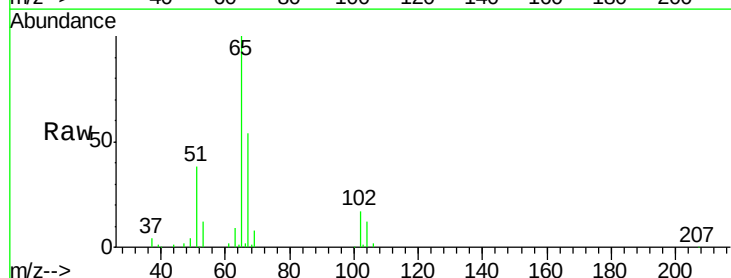
Acq: 20 Jul 2020 12:02

Tgt Ion: 65 Resp: 104183

Ion Ratio Lower Upper

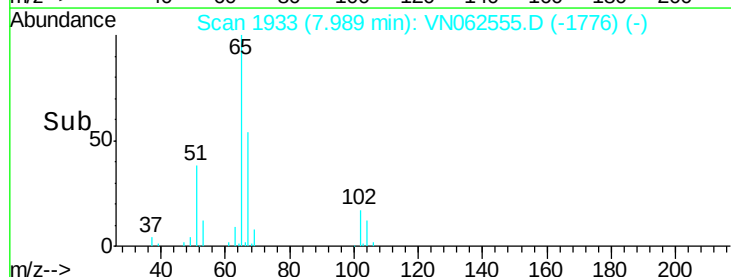
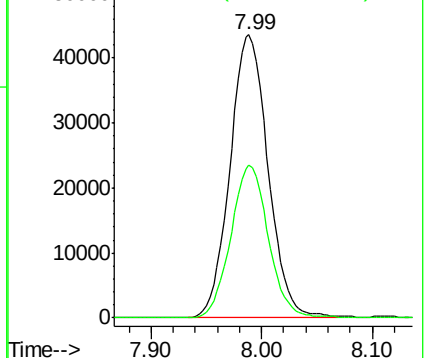
65 100

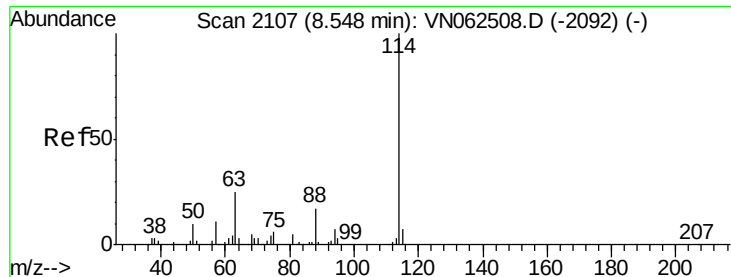
67 53.1 41.7 62.5



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: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062555.D

Acq: 20 Jul 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

VN0720WBL01

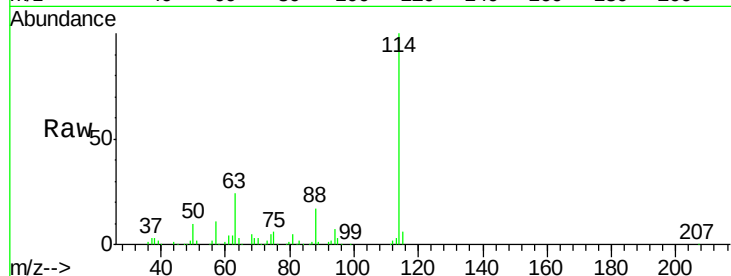
Tot Ion:114 Resp: 208128

Ion Ratio Lower Upper

114 100

63 24.6 19.4 29.0

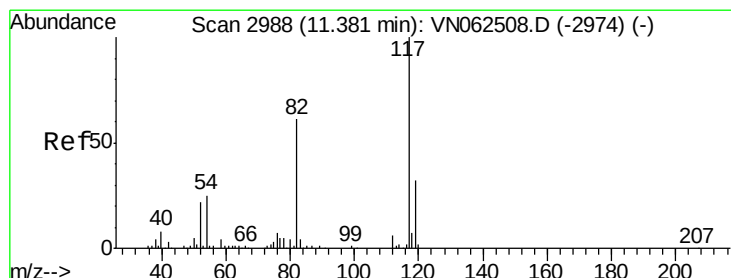
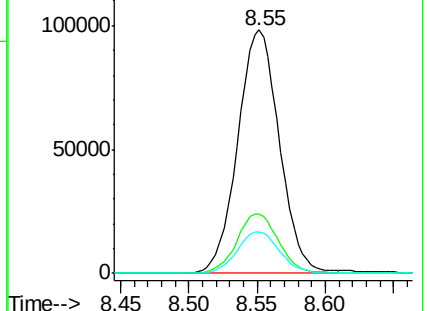
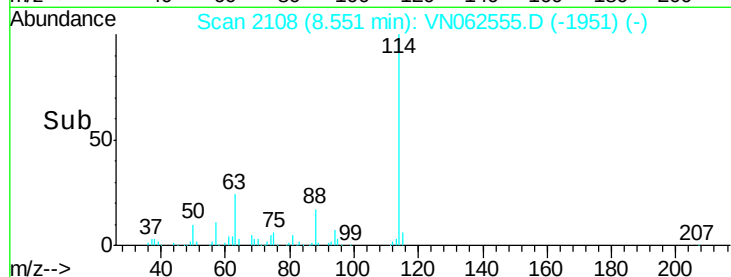
88 17.4 13.5 20.3



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062555.D

Acq: 20 Jul 2020 12:02

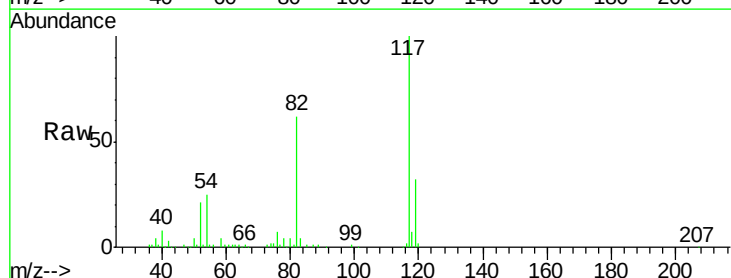
Tgt Ion:117 Resp: 187478

Ion Ratio Lower Upper

117 100

82 61.5 49.0 73.6

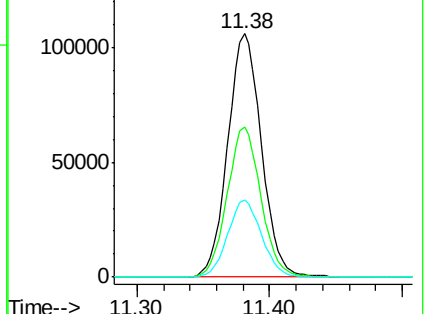
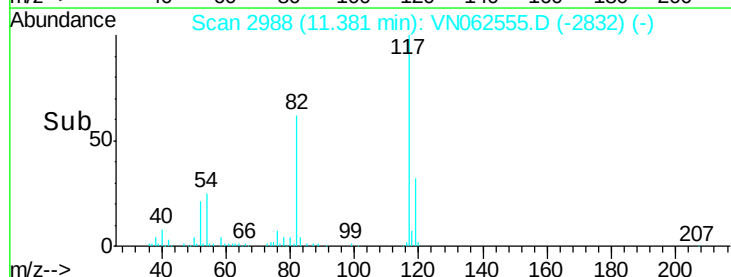
119 32.0 25.6 38.4

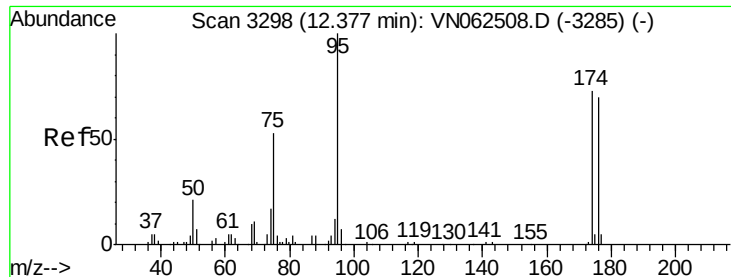


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V

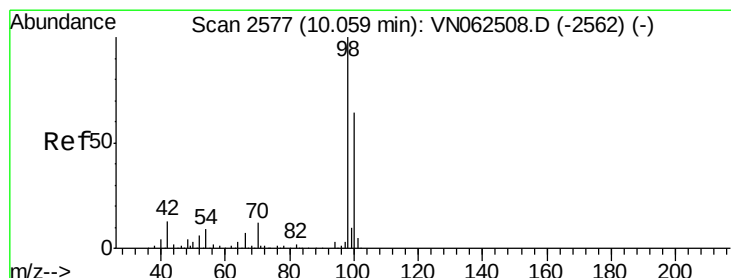
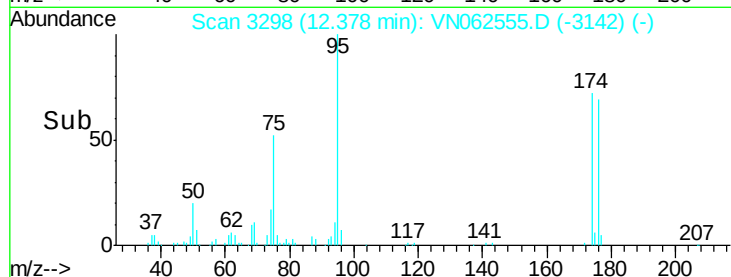
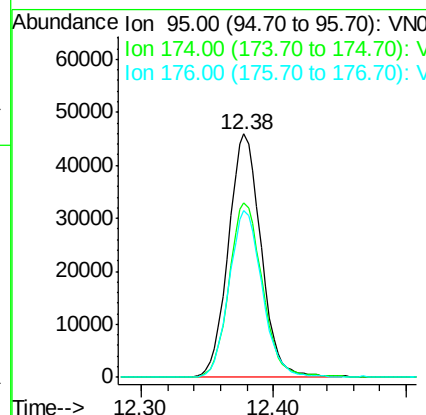
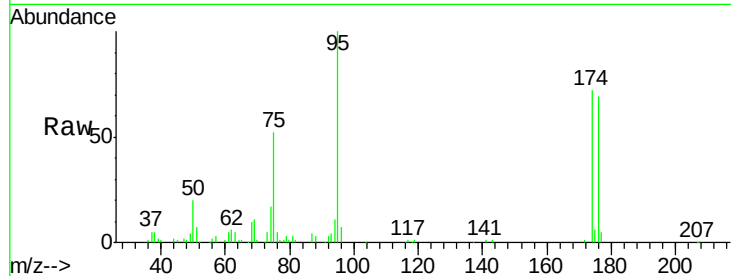




#60
 4-Bromofluorobenzene
 Concen: 24.676 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062555.D
 Acq: 20 Jul 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

Tot Ion: 95 Resp: 78726
 Ion Ratio Lower Upper
 95 100
 174 72.4 57.5 86.3
 176 69.4 56.3 84.5



#63
 Toluene-d8
 Concen: 29.618 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN062555.D
 Acq: 20 Jul 2020 12:02

Tgt Ion: 98 Resp: 262379
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.4 75.6

