

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064033.D
 Acq On : 9 Oct 2020 13:03
 Operator : JC/MD
 Sample : VN1009WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBL01

Quant Time: Oct 10 01:44:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	44094	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	229115	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	204524	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.98	65	121458	30.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.23%
60) 4-Bromofluorobenzene	12.38	95	85804	24.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	81.77%
63) Toluene-d8	10.06	98	277553	29.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.80%

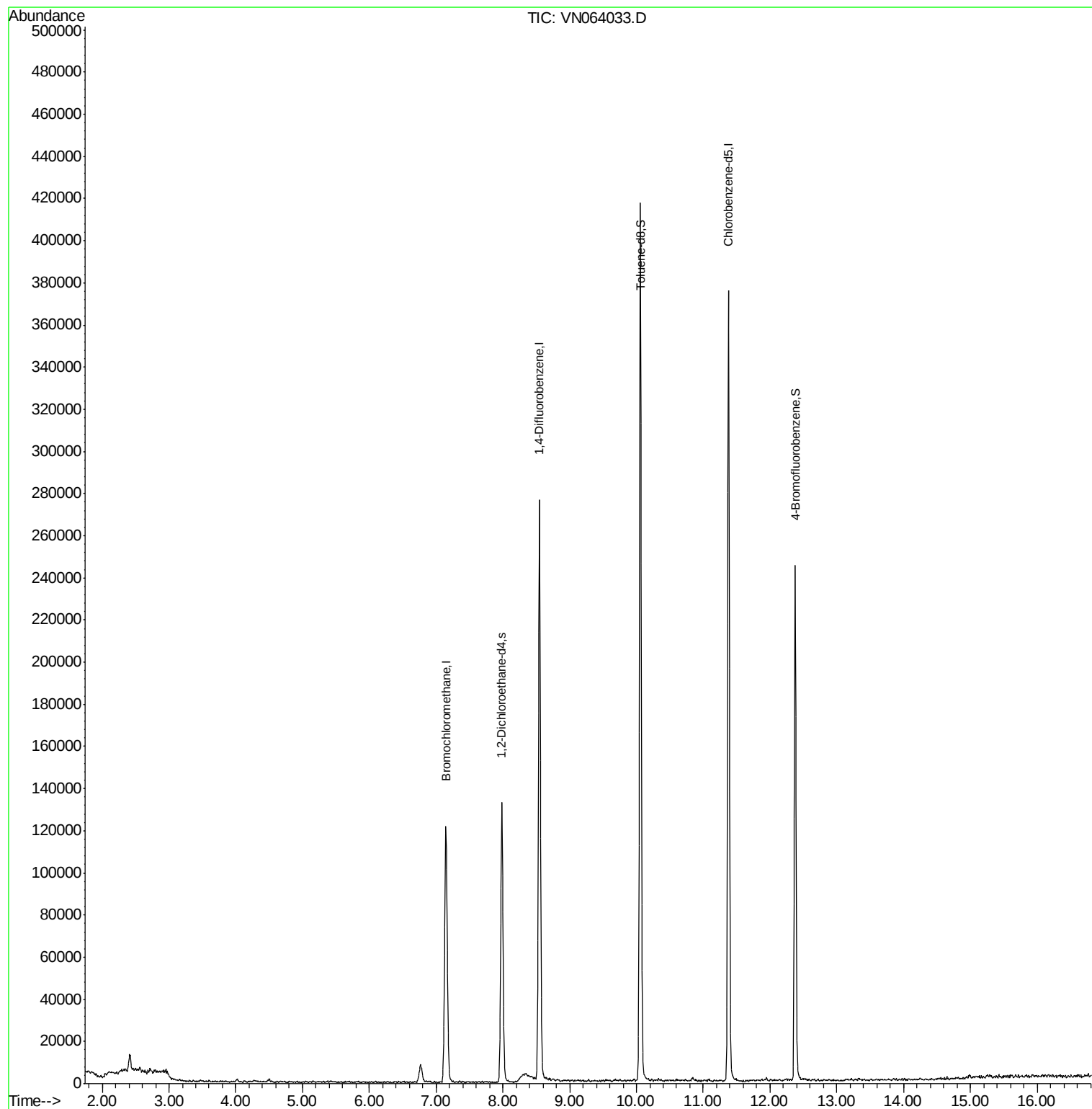
Target Compounds	Ovalue

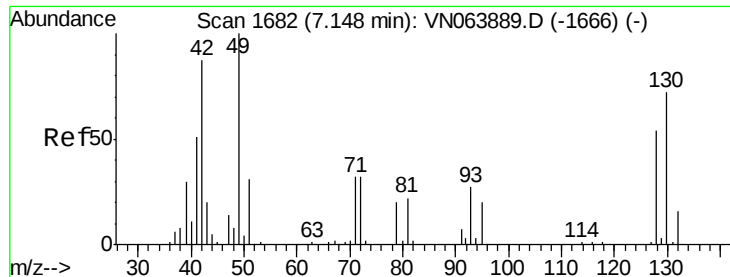
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064033.D

Acq: 9 Oct 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBL01

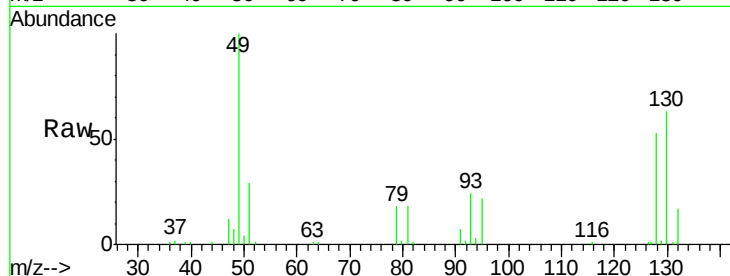
Tot Ion:128 Resp: 44094

Ion Ratio Lower Upper

128 100

49 188.1 0.0 437.5

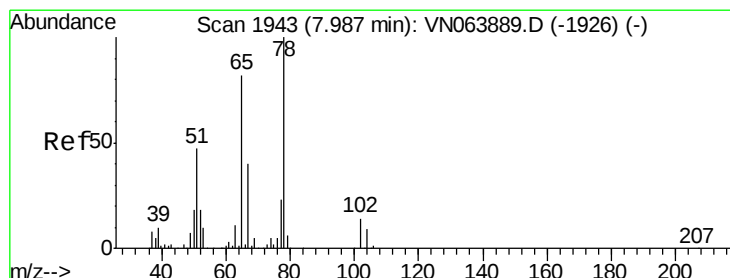
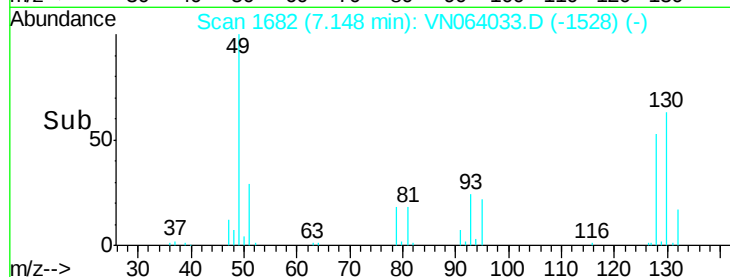
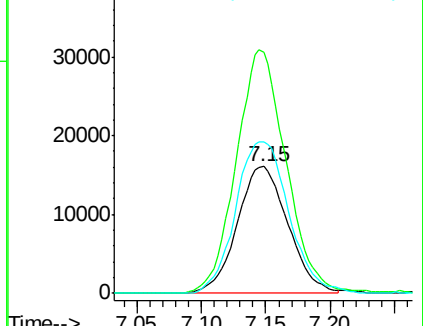
130 125.7 0.0 327.3



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: 30.670 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064033.D

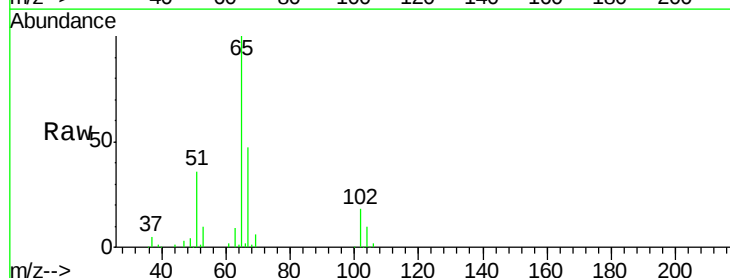
Acq: 9 Oct 2020 13:03

Tgt Ion: 65 Resp: 121458

Ion Ratio Lower Upper

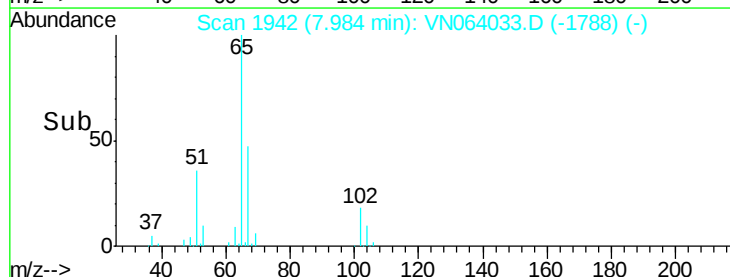
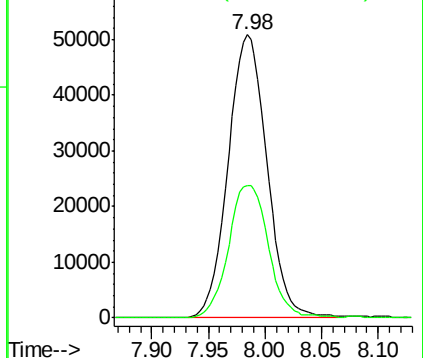
65 100

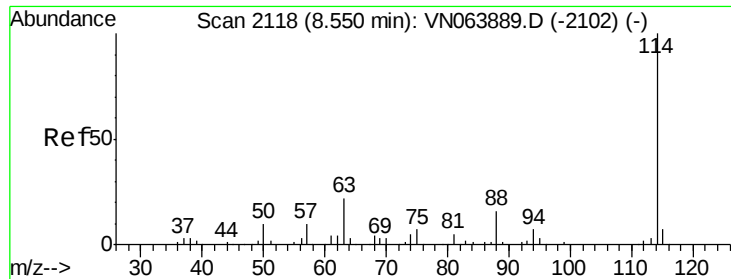
67 47.8 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

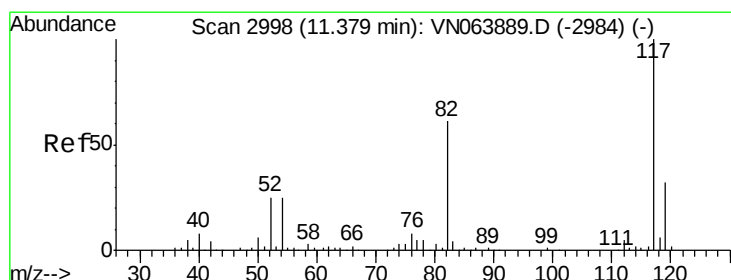
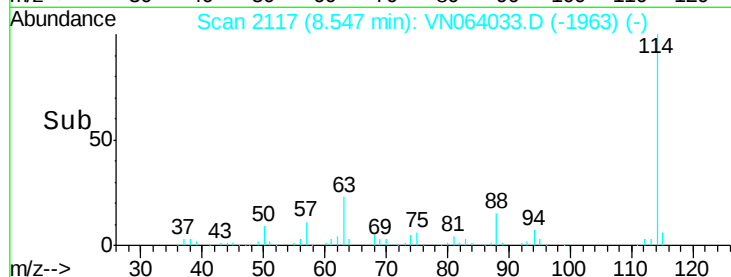
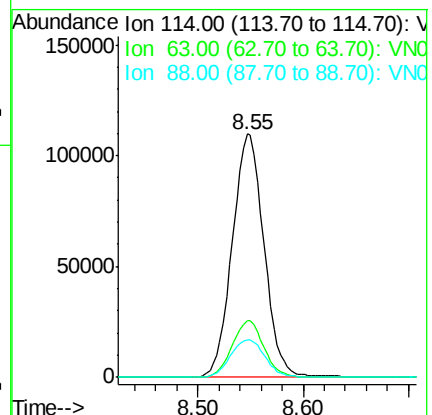
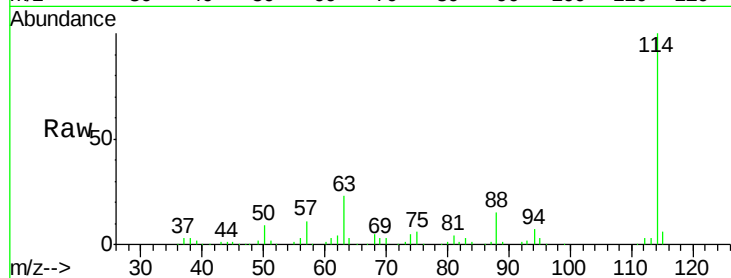




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064033.D
 Acq: 9 Oct 2020 13:03

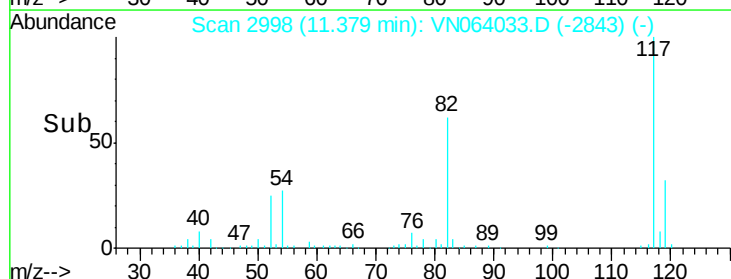
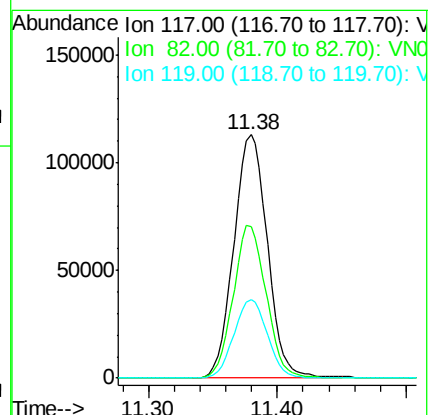
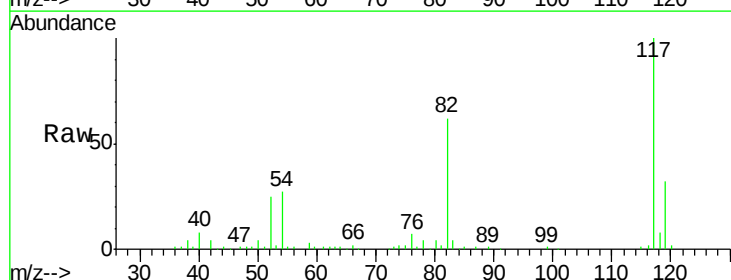
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBL01

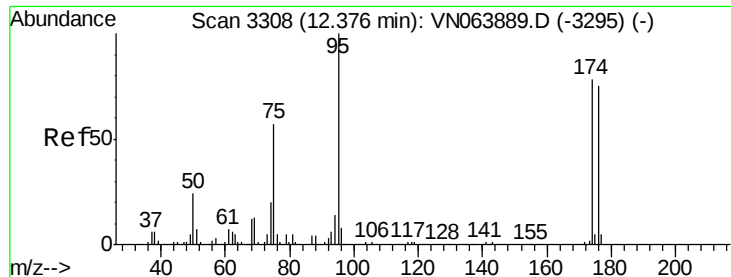
Tot Ion:114 Resp: 229115
 Ion Ratio Lower Upper
 114 100
 63 23.1 17.0 25.6
 88 16.5 12.6 18.8



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: VN064033.D
 Acq: 9 Oct 2020 13:03

Tgt Ion:117 Resp: 204524
 Ion Ratio Lower Upper
 117 100
 82 61.7 44.9 67.3
 119 32.2 26.0 39.0

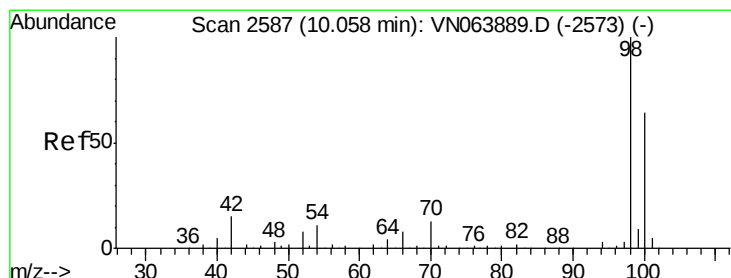
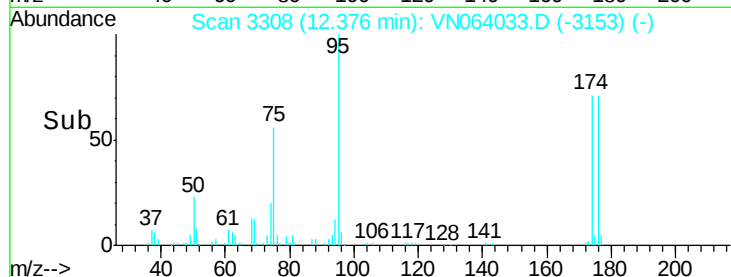
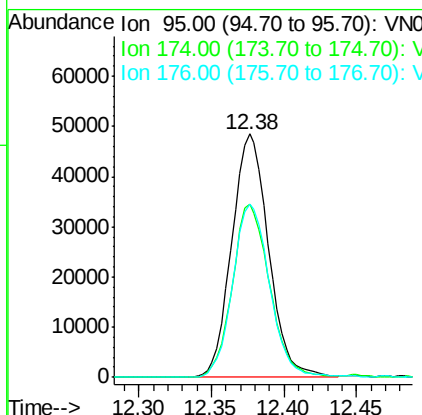
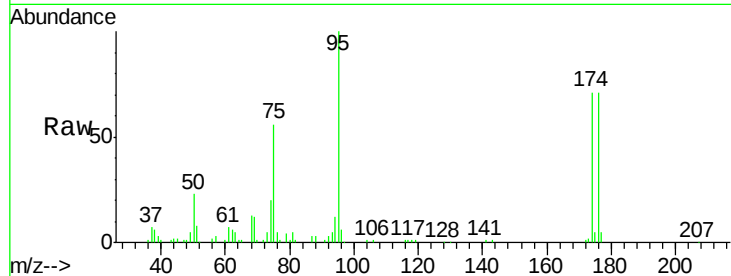




#60
4-Bromofluorobenzene
Concen: 24.532 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064033.D
Acq: 9 Oct 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBL01

Tot Ion: 95 Resp: 85804
Ion Ratio Lower Upper
95 100
174 71.6 70.1 105.1
176 71.4 66.8 100.2



#63
Toluene-d8
Concen: 29.945 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064033.D
Acq: 9 Oct 2020 13:03

Tgt Ion: 98 Resp: 277553
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.2

