

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062935.D
 Acq On : 14 Aug 2020 12:41
 Operator : JC/MD
 Sample : VN0814WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBL01

Quant Time: Aug 14 14:47:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 14 06:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	25221	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	122991	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	115986	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	70587	31.33	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.43%
60) 4-Bromofluorobenzene	12.38	95	45748	22.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	74.67%
63) Toluene-d8	10.06	98	154932	28.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.23%

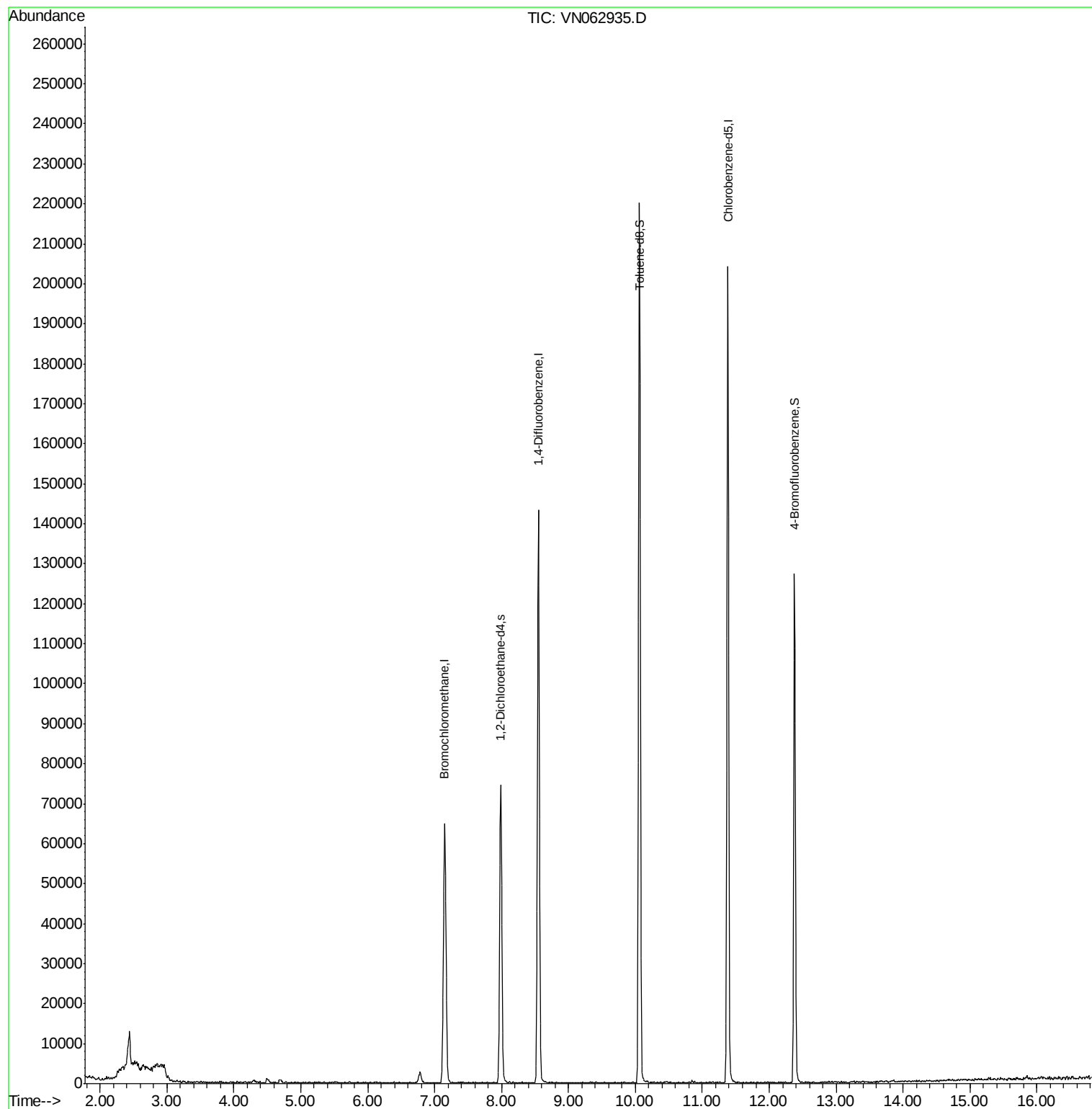
Target Compounds	Ovalue

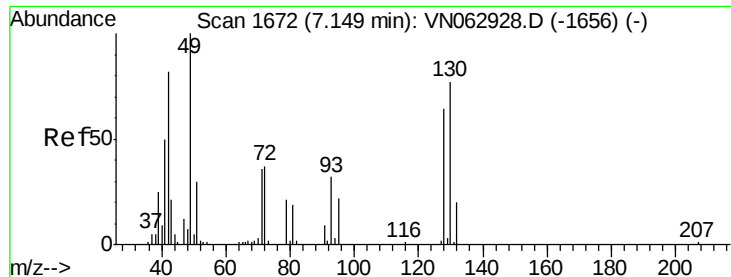
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 14 06:20:27 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062935.D

Acq: 14 Aug 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBL01

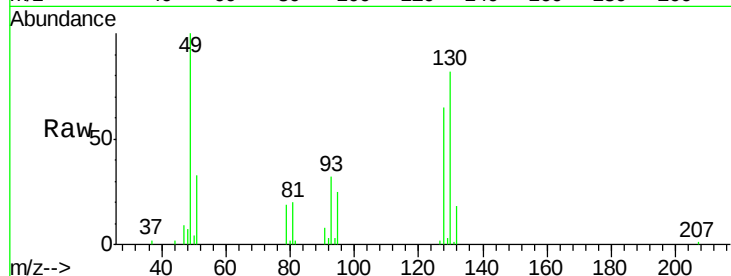
Tot Ion:128 Resp: 25221

Ion Ratio Lower Upper

128 100

49 164.4 0.0 410.0

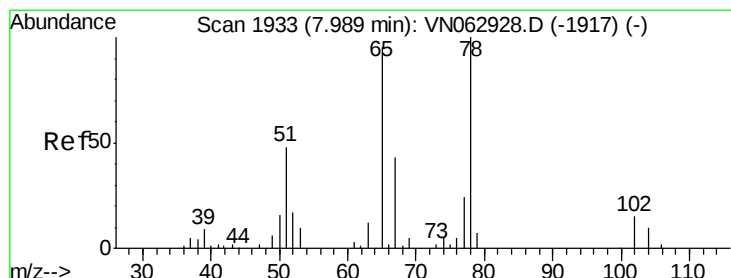
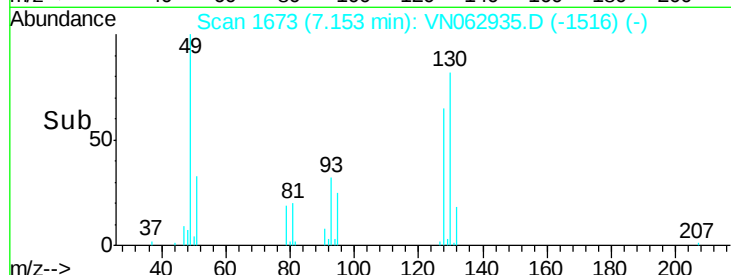
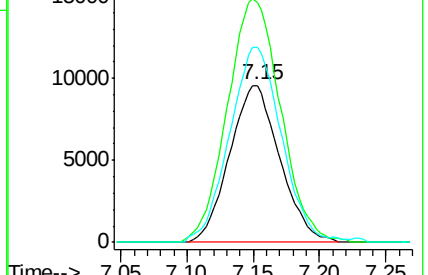
130 129.1 0.0 316.5



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: 31.331 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062935.D

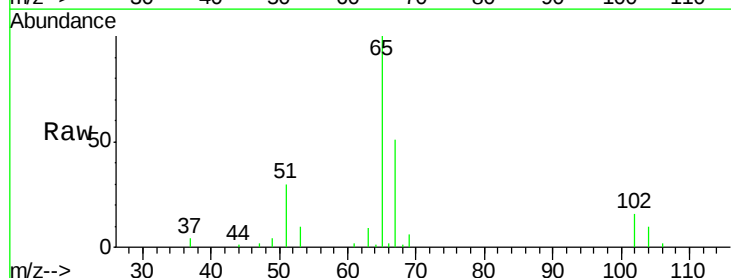
Acq: 14 Aug 2020 12:41

Tgt Ion: 65 Resp: 70587

Ion Ratio Lower Upper

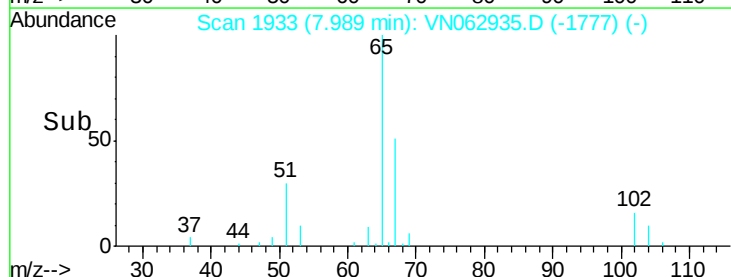
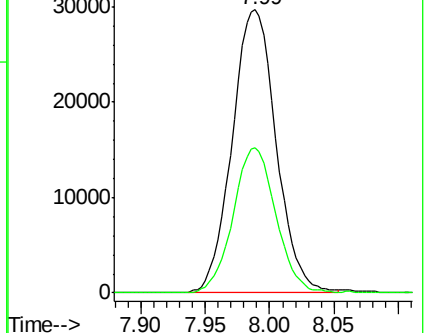
65 100

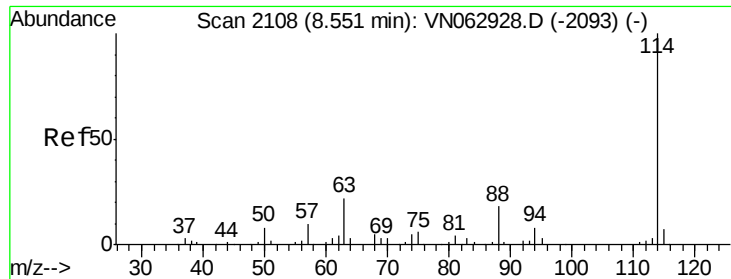
67 49.6 39.5 59.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

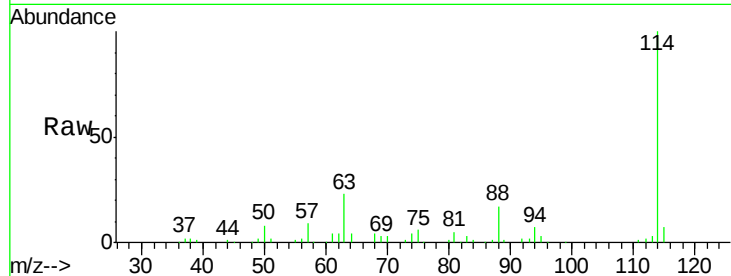




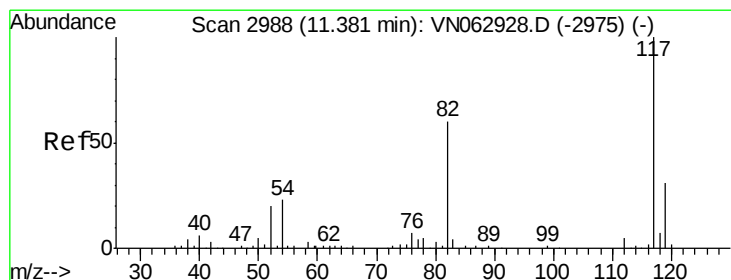
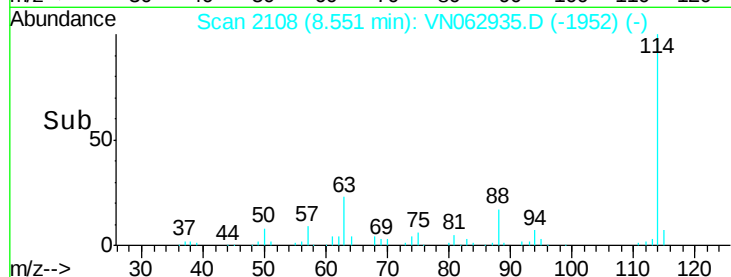
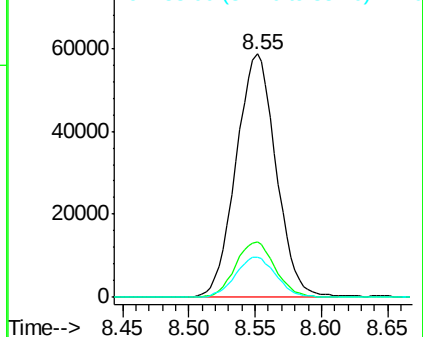
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062935.D
 Acq: 14 Aug 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBL01

Tot Ion:114 Resp: 122991
 Ion Ratio Lower Upper
 114 100
 63 22.6 17.7 26.5
 88 16.8 13.9 20.9

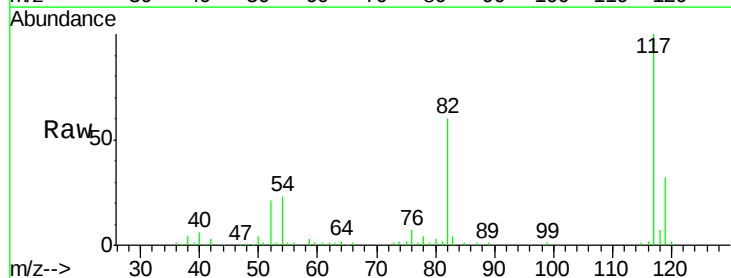


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 88.00 (87.70 to 88.70): VNO

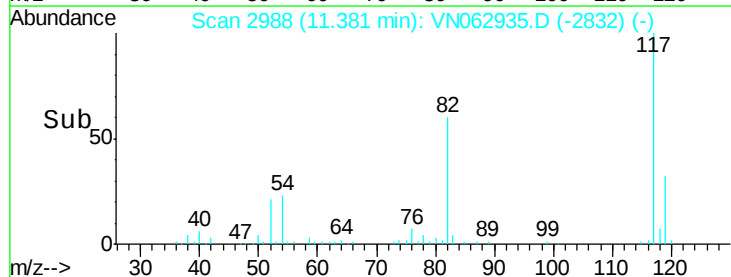
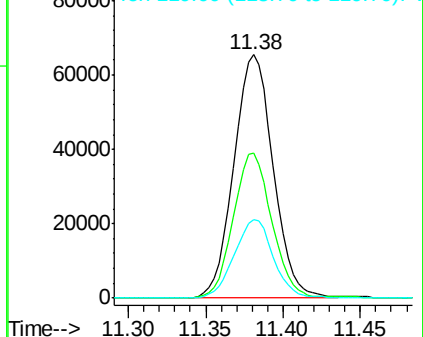


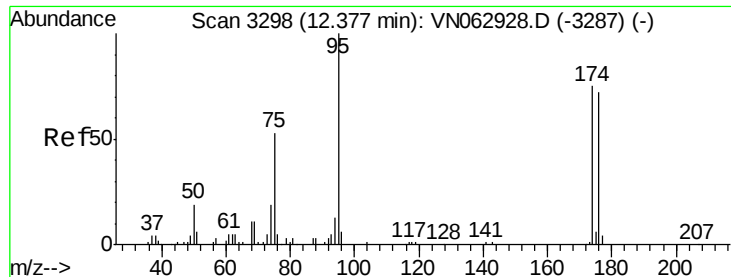
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN062935.D
 Acq: 14 Aug 2020 12:41

Tgt Ion:117 Resp: 115986
 Ion Ratio Lower Upper
 117 100
 82 57.9 47.5 71.3
 119 32.0 26.0 39.0



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VNO
 Ion 119.00 (118.70 to 119.70): VNO

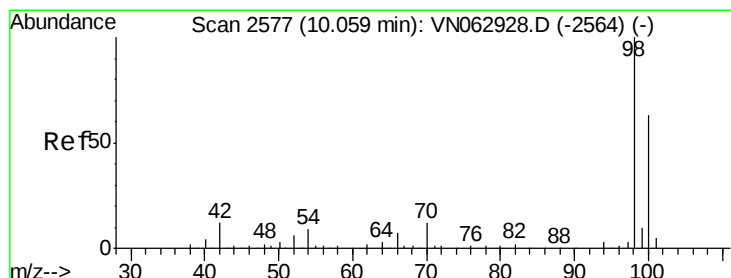
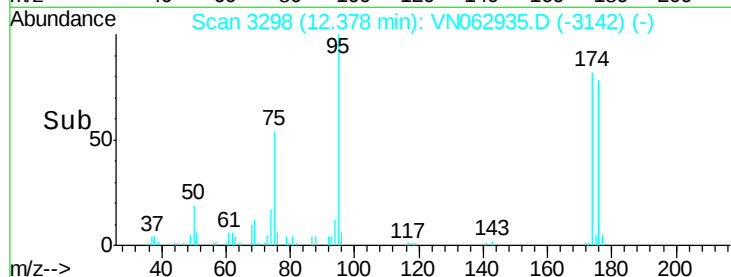
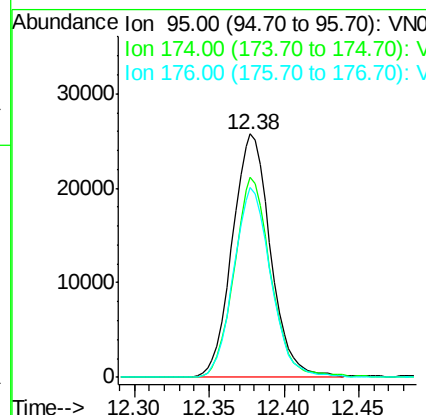
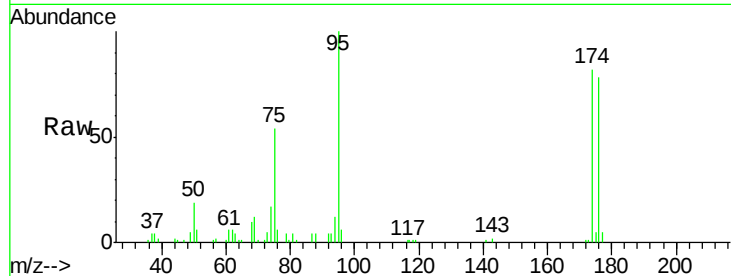




#60
4-Bromofluorobenzene
Concen: 22.397 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062935.D
Acq: 14 Aug 2020 12:41

Instrument :
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Tot Ion: 95 Resp: 45748
Ion Ratio Lower Upper
95 100
174 78.4 60.9 91.3
176 76.0 57.8 86.8



#63
Toluene-d8
Concen: 28.567 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062935.D
Acq: 14 Aug 2020 12:41

Tgt Ion: 98 Resp: 154932
Ion Ratio Lower Upper
98 100
100 62.7 51.0 76.6

