

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022120\
 Data File : VX014989.D
 Acq On : 21 Feb 2020 12:10
 Operator : JC/SP
 Sample : VX0221WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBL01

Quant Time: Feb 21 13:49:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 11:08:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	75765	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.85	114	397365	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	351819	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	156065	29.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.73%
60) 4-Bromofluorobenzene	11.13	95	150971	27.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.83%
63) Toluene-d8	8.71	98	463025	30.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.60%

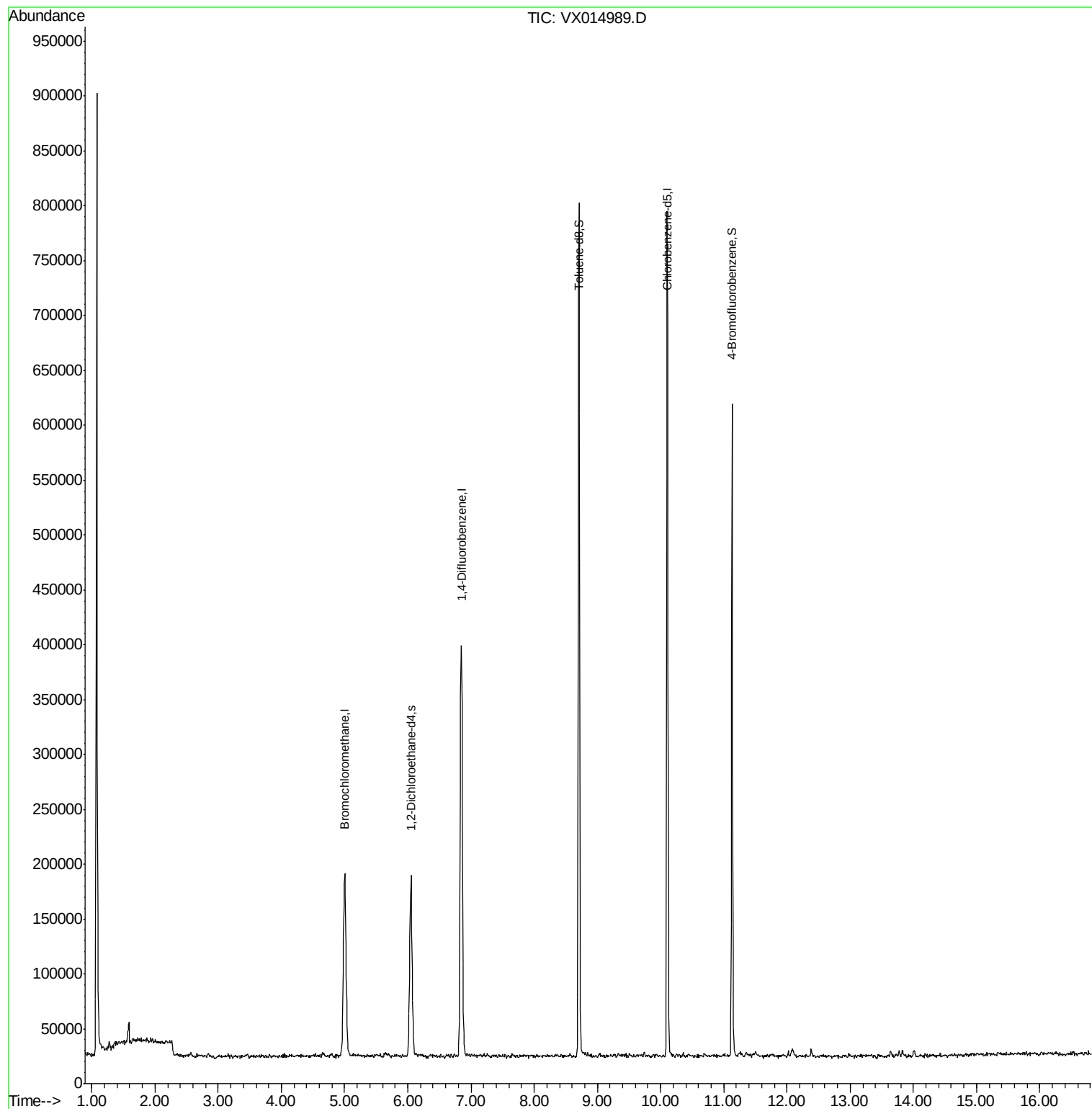
Target Compounds	Ovalue

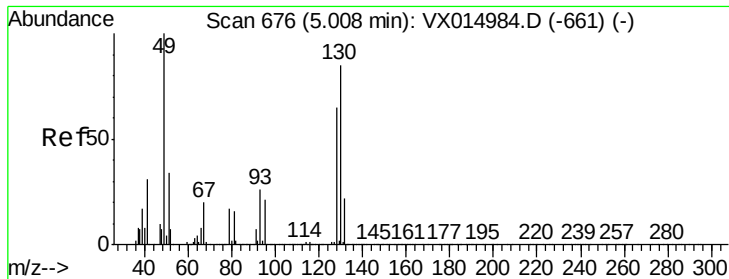
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014989.D

Acq: 21 Feb 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBL01

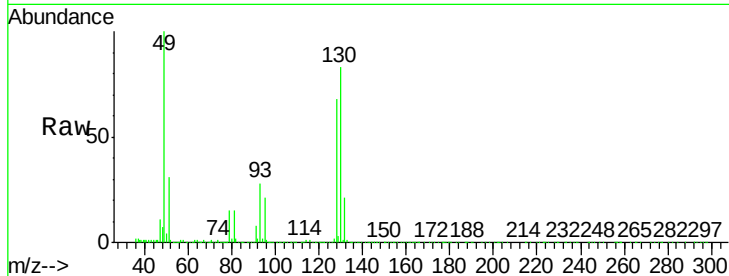
Tot Ion:128 Resp: 75765

Ion Ratio Lower Upper

128 100

49 147.6 0.0 384.7

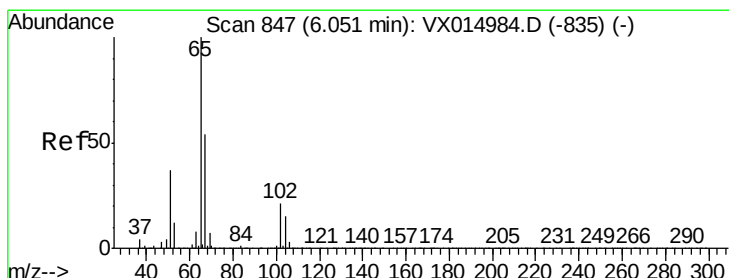
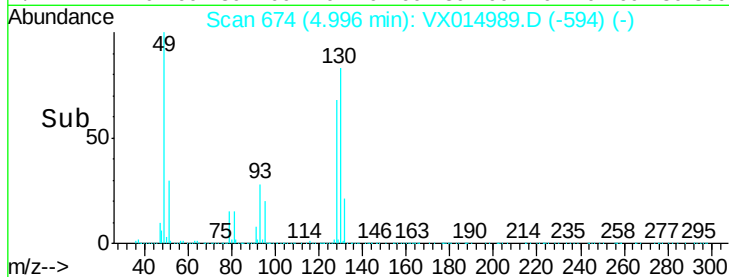
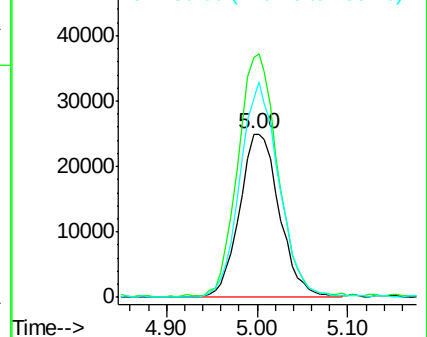
130 128.7 0.0 330.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 29.623 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014989.D

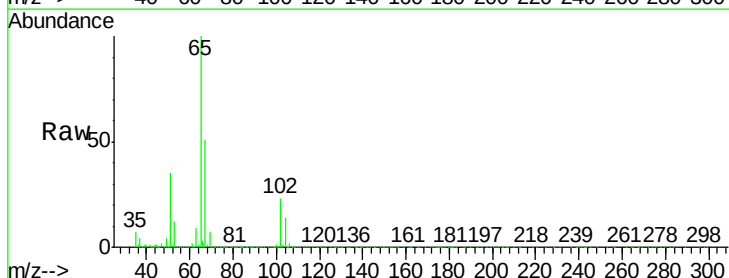
Acq: 21 Feb 2020 12:10

Tgt Ion: 65 Resp: 156065

Ion Ratio Lower Upper

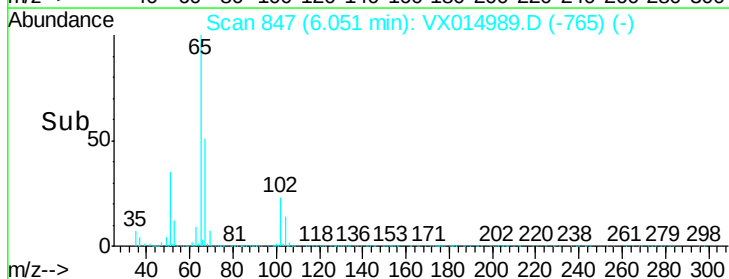
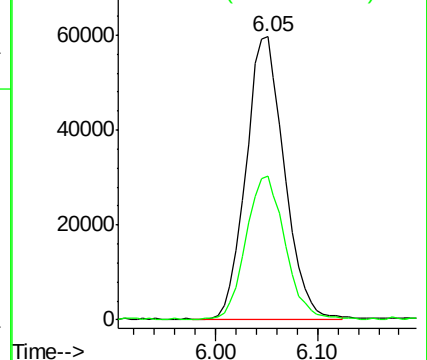
65 100

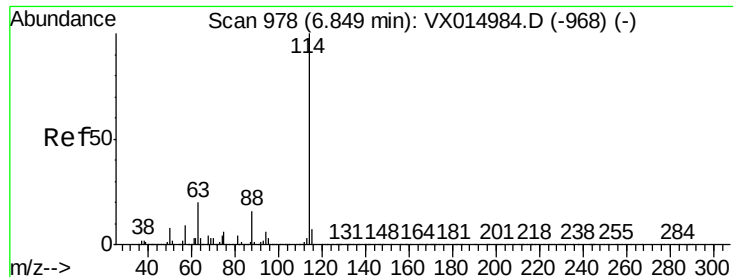
67 51.9 41.9 62.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

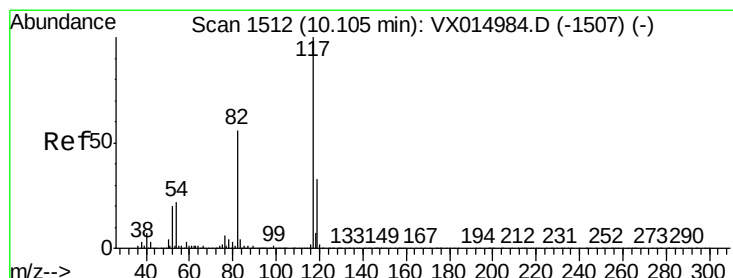
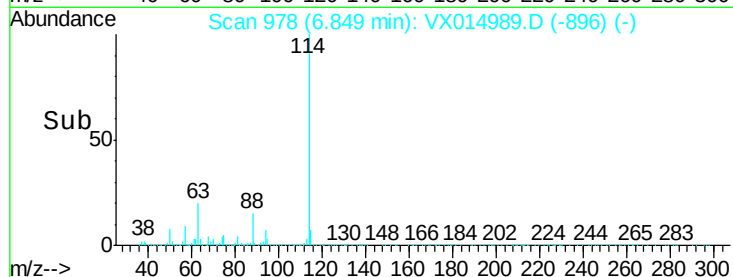
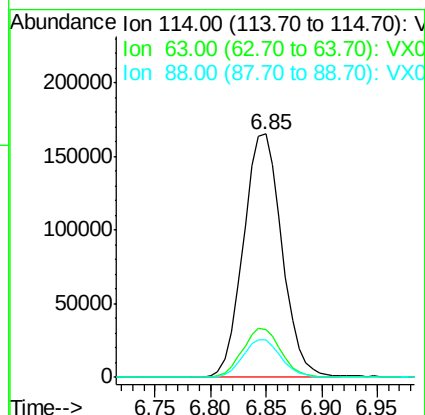
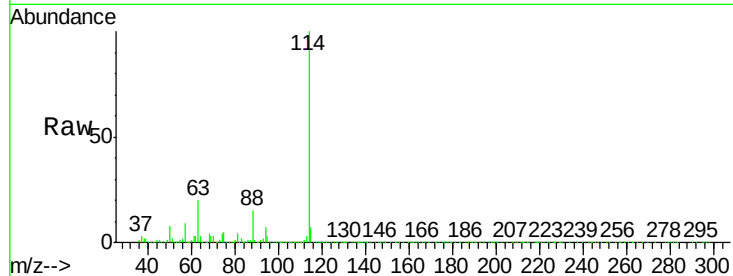




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014989.D
Acq: 21 Feb 2020 12:10

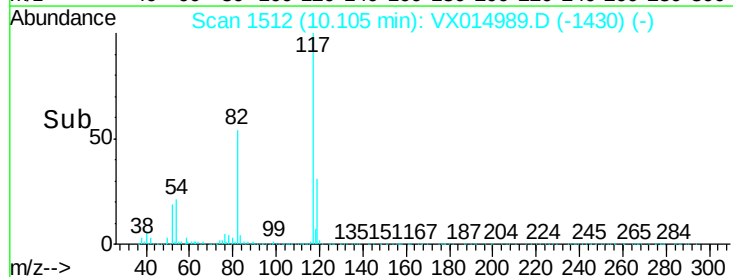
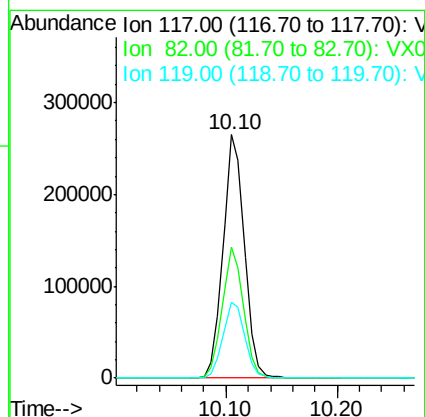
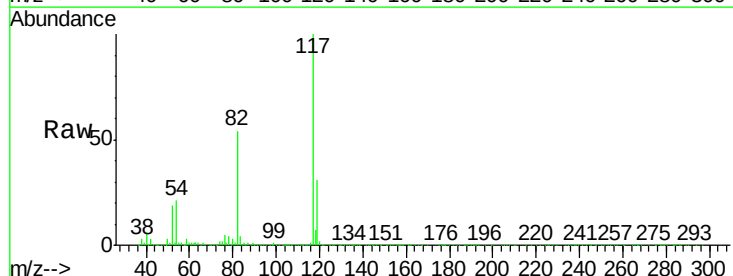
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBL01

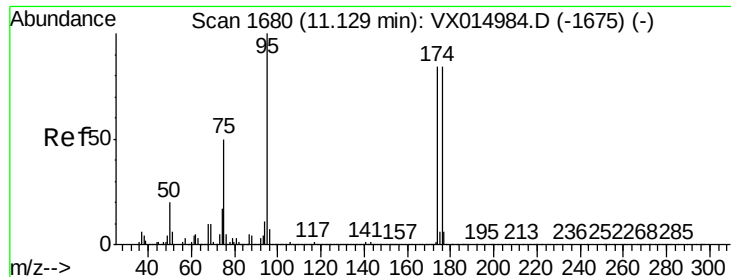
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	15.6	23.4
88	15.5	12.2	18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014989.D
Acq: 21 Feb 2020 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.4	65.2
119	32.0	26.0	39.0

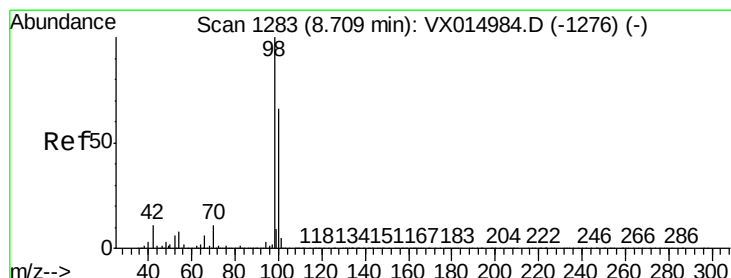
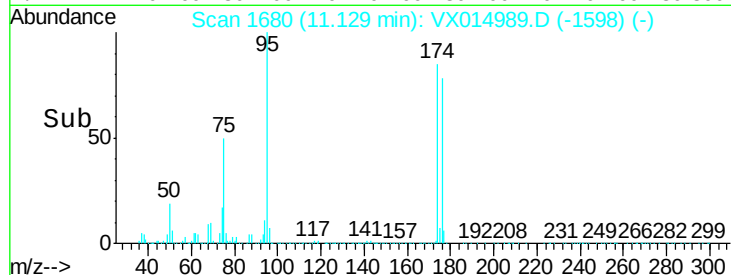
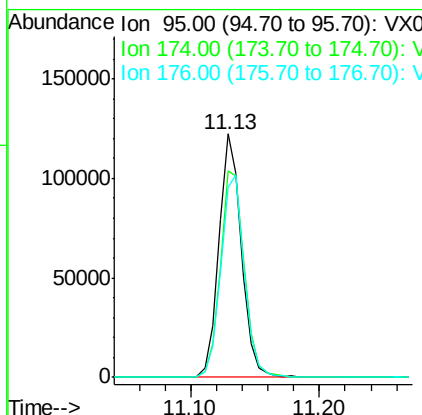
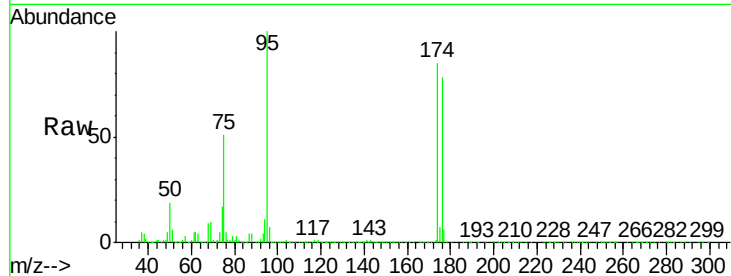




#60
4-Bromofluorobenzene
Concen: 27.552 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014989.D
Acq: 21 Feb 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBL01

Tot Ion: 95 Resp: 150971
Ion Ratio Lower Upper
95 100
174 90.5 72.3 108.5
176 86.9 72.0 108.0



#63
Toluene-d8
Concen: 30.180 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014989.D
Acq: 21 Feb 2020 12:10

Tgt Ion: 98 Resp: 463025
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2

