

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120719\
 Data File : VX0137841.D
 Acq On : 07 Dec 2019 15:25
 Operator : JC/SP
 Sample : K6198-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 02:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	99118	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	558196	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	481587	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	215463	29.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.13%
60) 4-Bromofluorobenzene	11.13	95	214746	27.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.47%
63) Toluene-d8	8.71	98	656537	30.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.50%

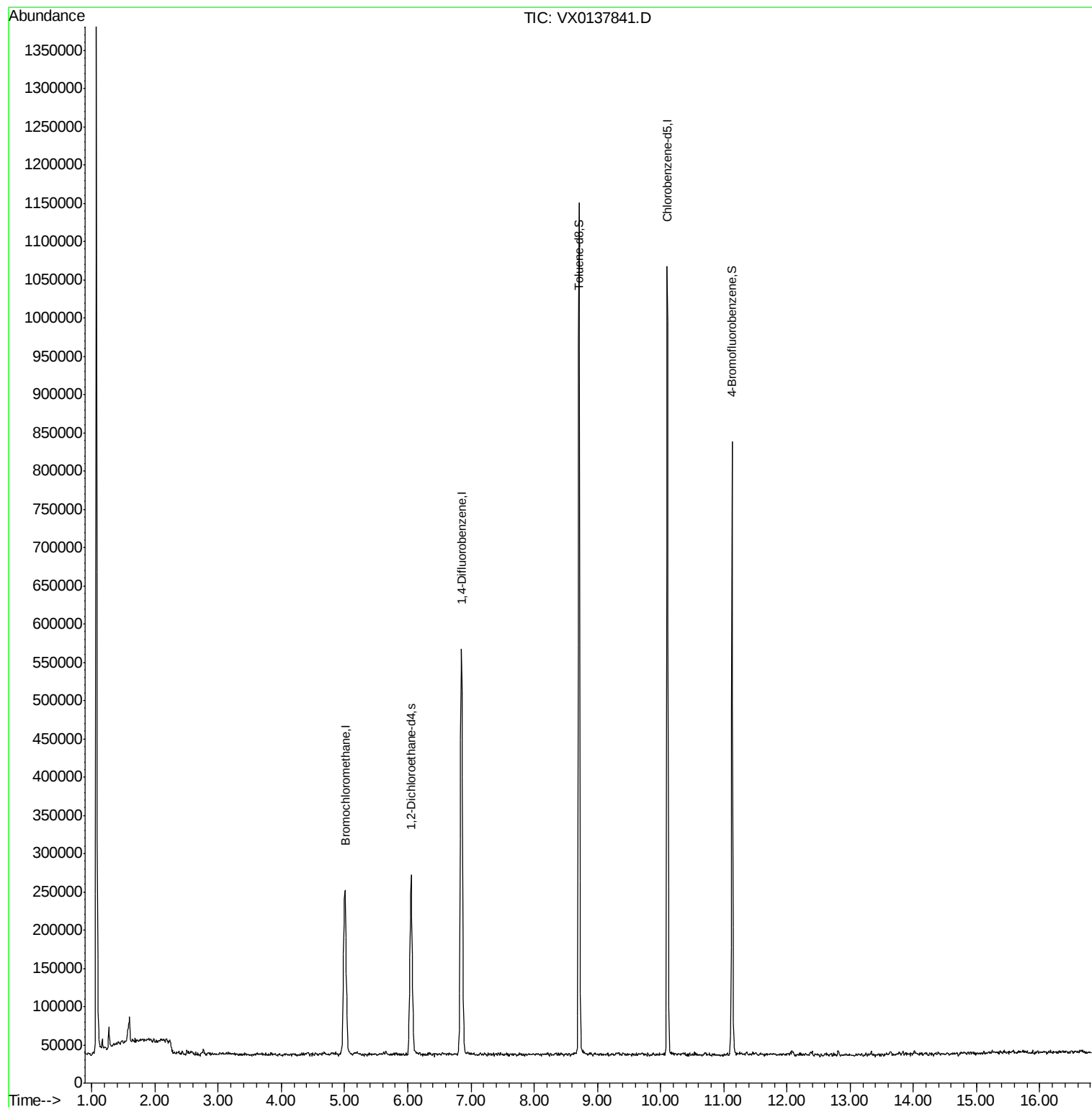
Target Compounds	Ovalue

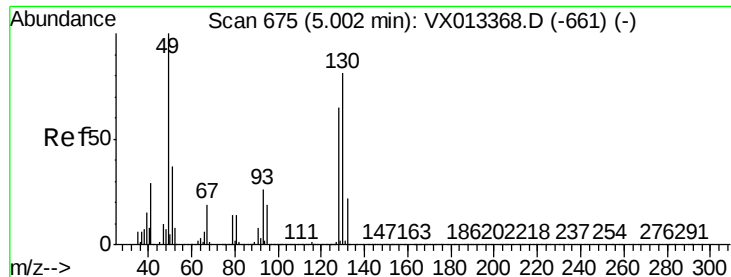
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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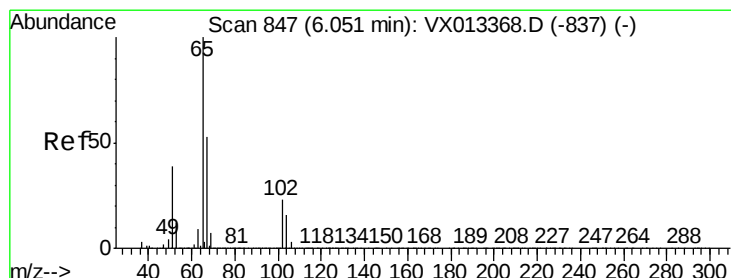
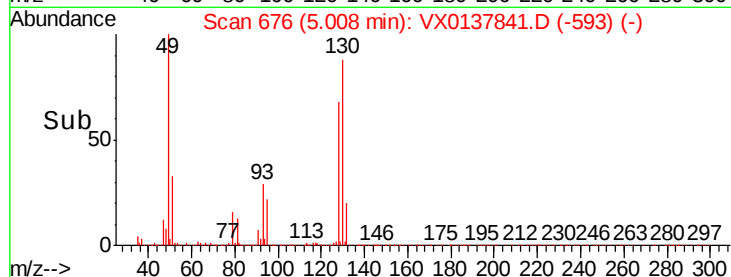
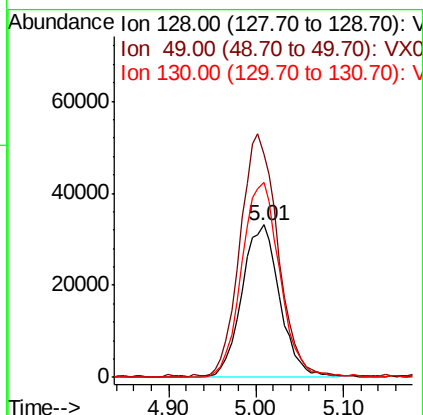
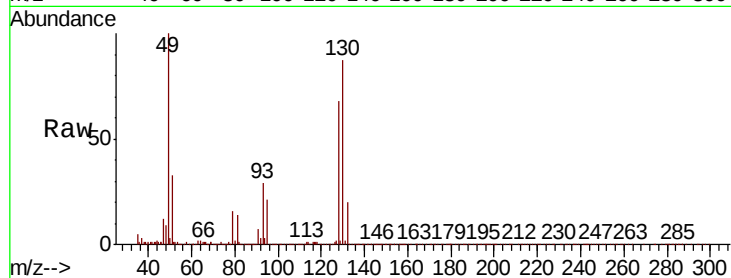


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX0137841.D
 Acq: 07 Dec 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

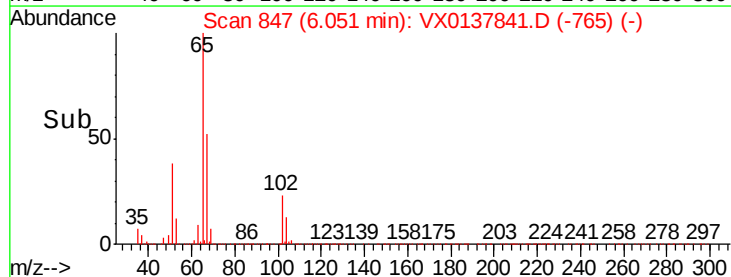
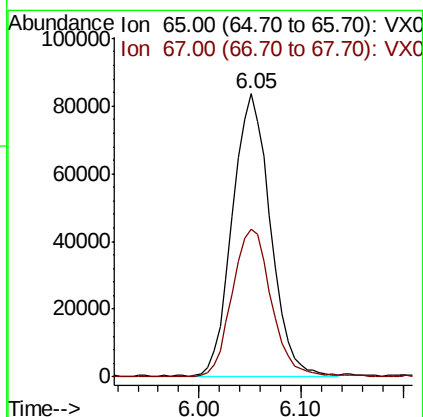
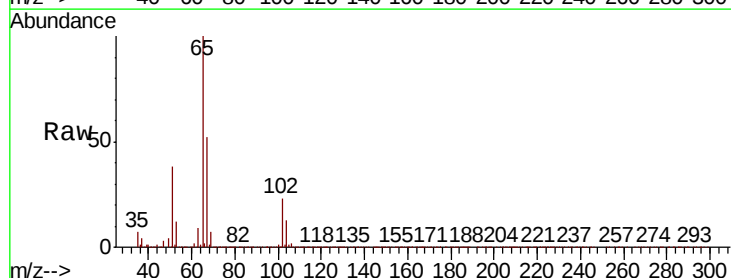
Tot Ion:128 Resp: 99118
 Ion Ratio Lower Upper
 128 100
 49 158.9 0.0 388.3
 130 128.6 0.0 318.5

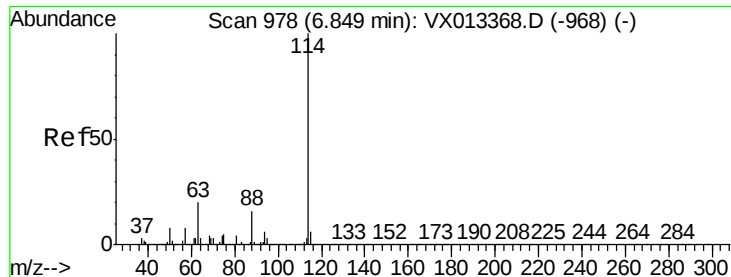


#27

1,2-Dichloroethane-d4
 Concen: 29.439 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX0137841.D
 Acq: 07 Dec 2019 15:25

Tgt Ion: 65 Resp: 215463
 Ion Ratio Lower Upper
 65 100
 67 53.5 41.0 61.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX0137841.D

Acq: 07 Dec 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

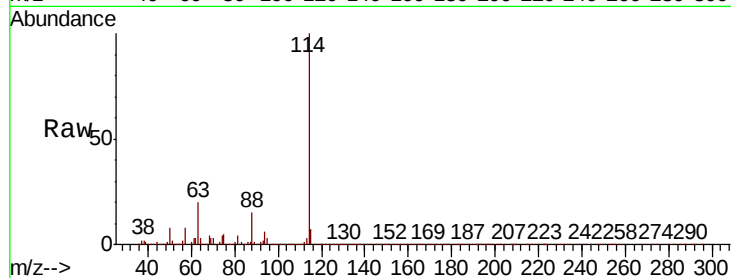
Tot Ion:114 Resp: 558196

Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

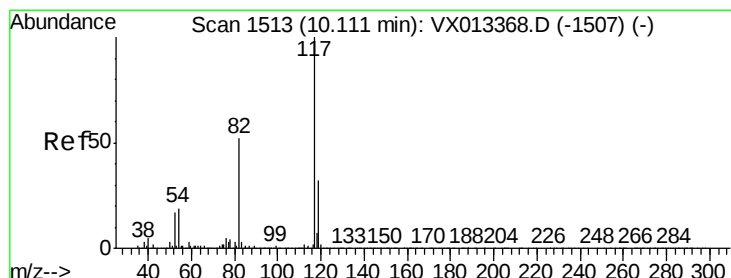
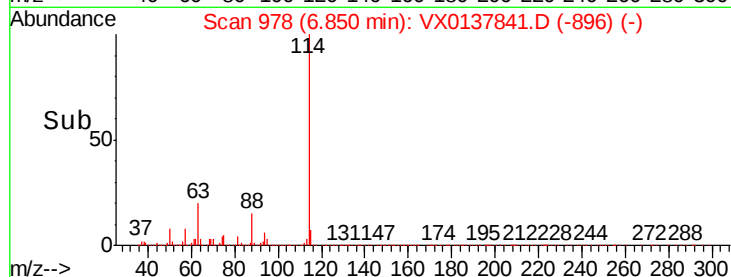
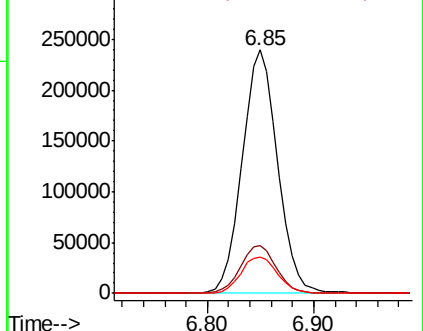
88 15.5 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX0137841.D

Acq: 07 Dec 2019 15:25

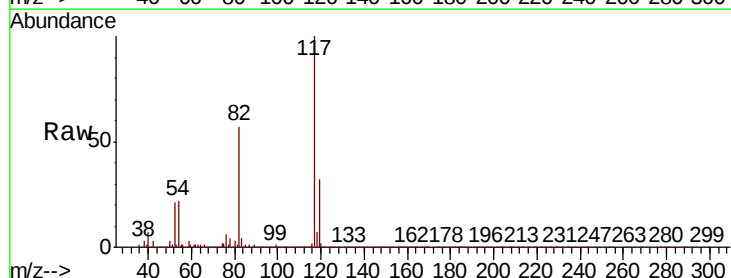
Tgt Ion:117 Resp: 481587

Ion Ratio Lower Upper

117 100

82 54.9 43.7 65.5

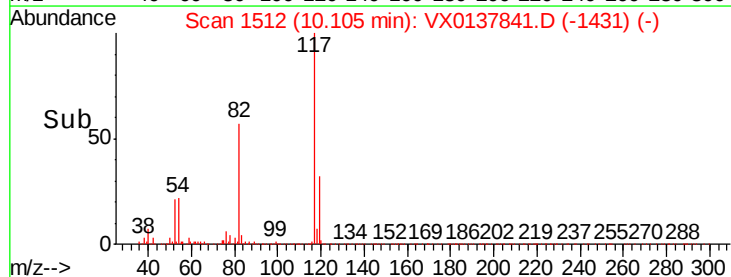
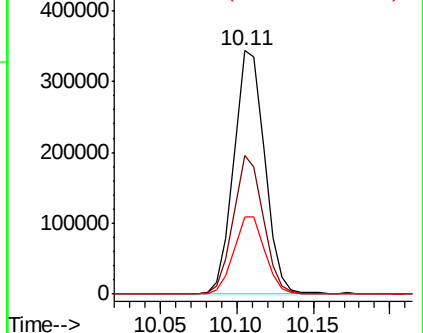
119 32.2 25.5 38.3

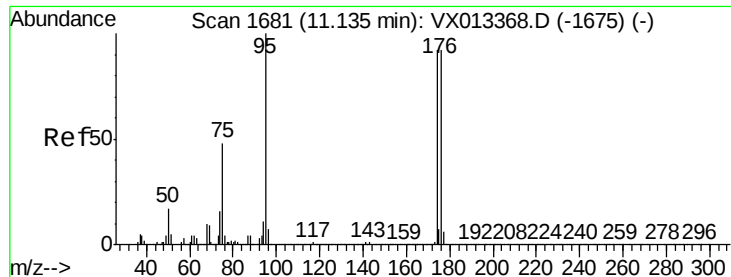


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

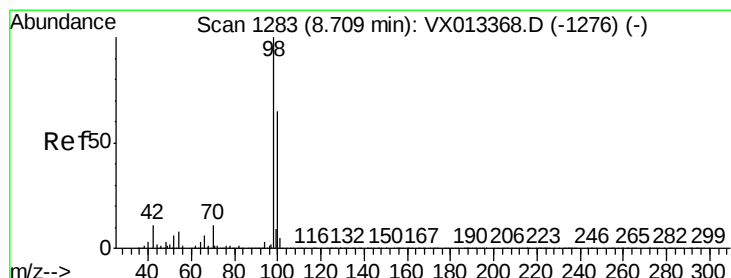
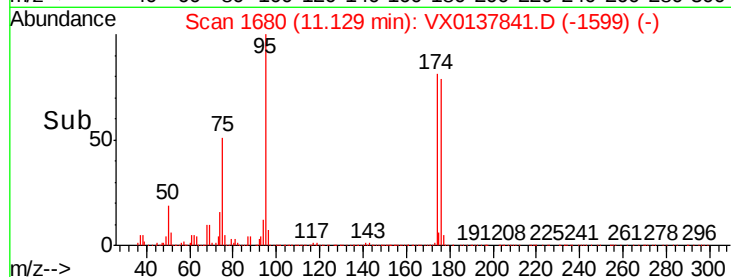
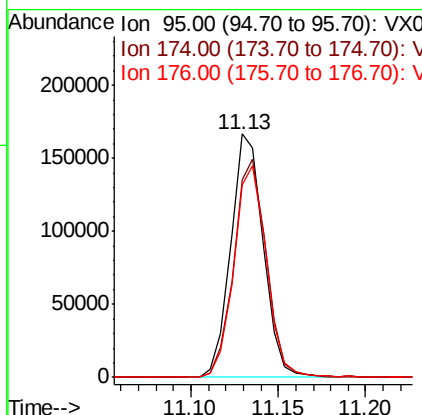
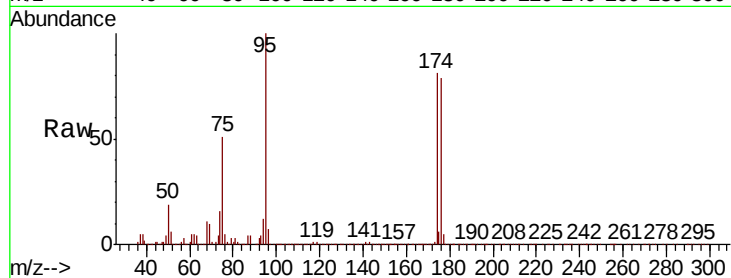




#60
4-Bromofluorobenzene
Concen: 27.743 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX0137841.D
Acq: 07 Dec 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 214746
Ion Ratio Lower Upper
95 100
174 89.7 70.2 105.2
176 87.3 68.3 102.5



#63
Toluene-d8
Concen: 30.148 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX0137841.D
Acq: 07 Dec 2019 15:25

Tgt Ion: 98 Resp: 656537
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

