

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013375.D
 Acq On : 12 Nov 2019 10:39
 Operator : JC/SP
 Sample : VX1112WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBL01

Quant Time: Nov 12 12:49:37 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	5.00	128	132969	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	742082	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	646110	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.04	65	288805	29.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.03%
60) 4-Bromofluorobenzene	11.13	95	291159	28.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.47%
63) Toluene-d8	8.71	98	894904	30.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.10%

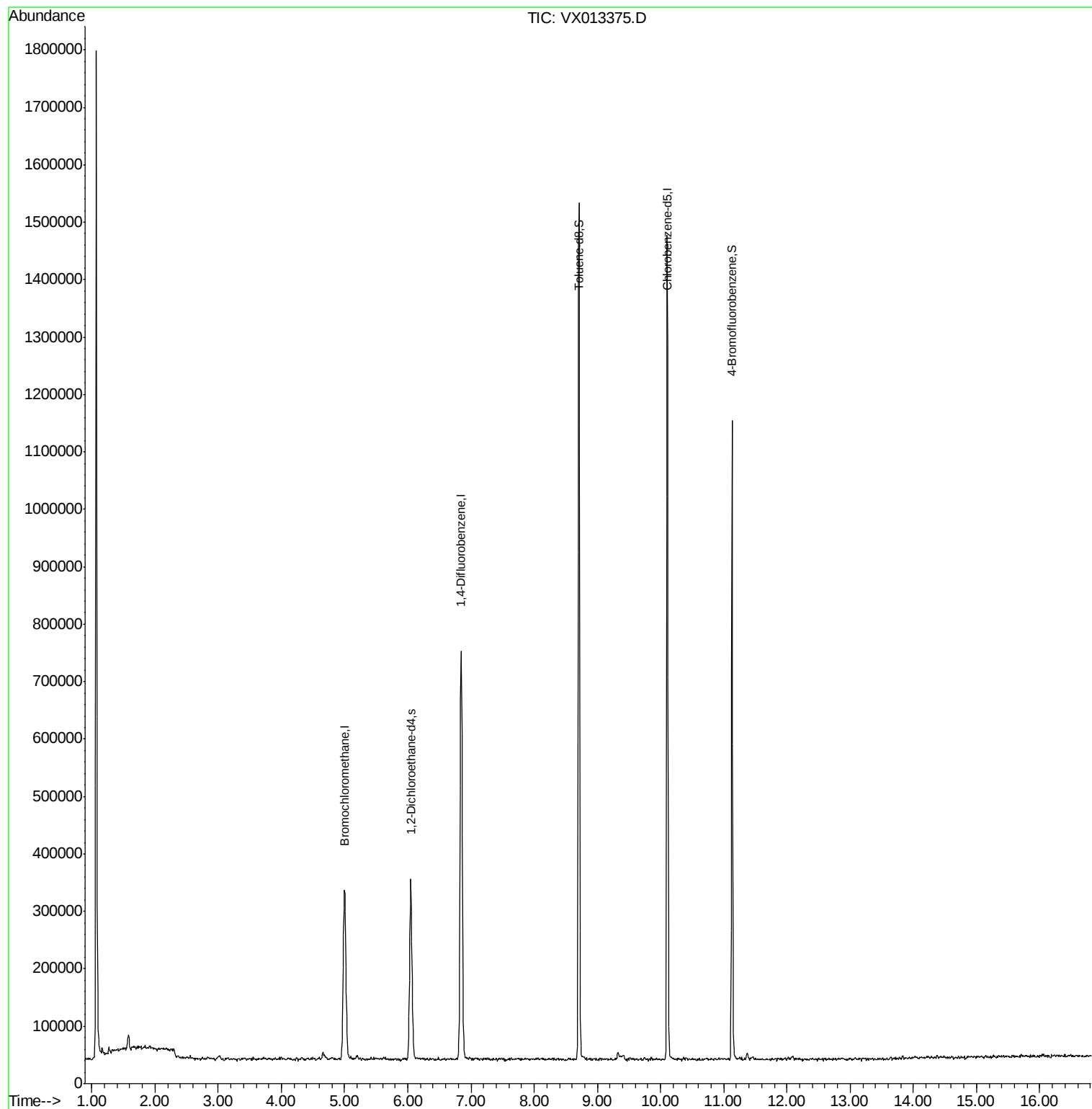
Target Compounds	Ovalue

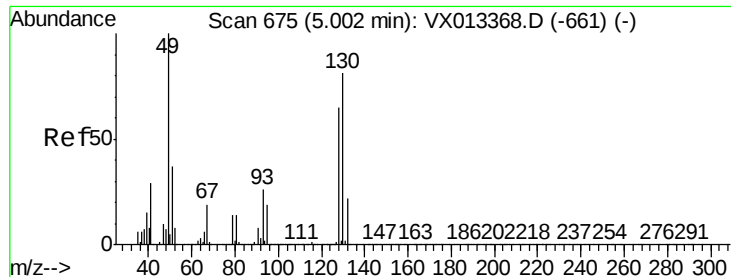
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX013375.D

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Instrument :

MSVOA_X

ClientSampleId :

VX1112WBL01

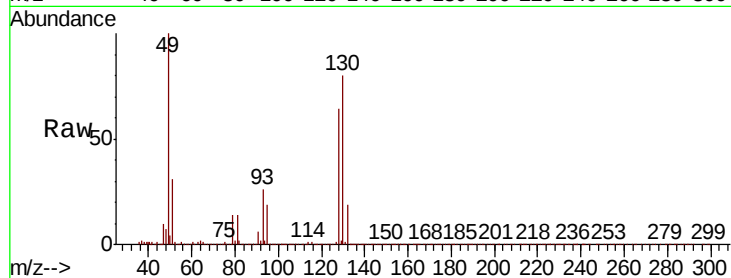
Tot Ion:128 Resp: 132969

Ion Ratio Lower Upper

128 100

49 157.6 0.0 388.3

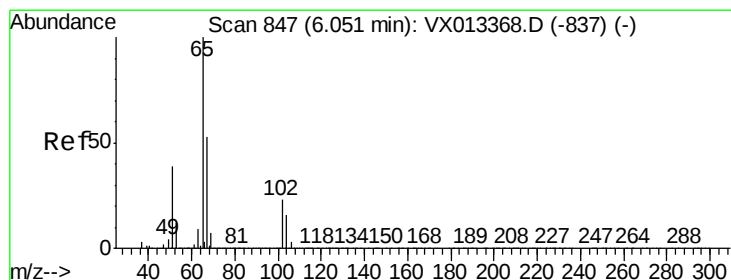
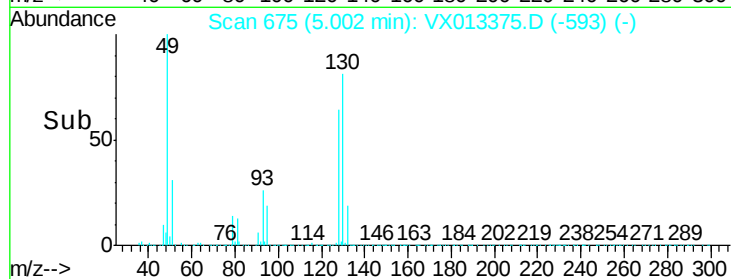
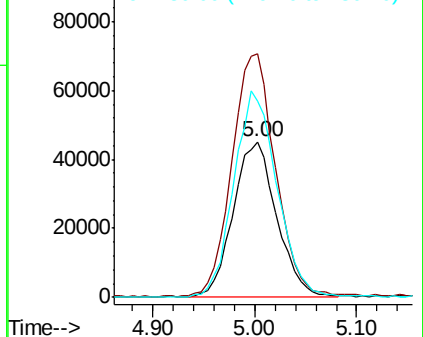
130 132.7 0.0 318.5



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: 29.414 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013375.D

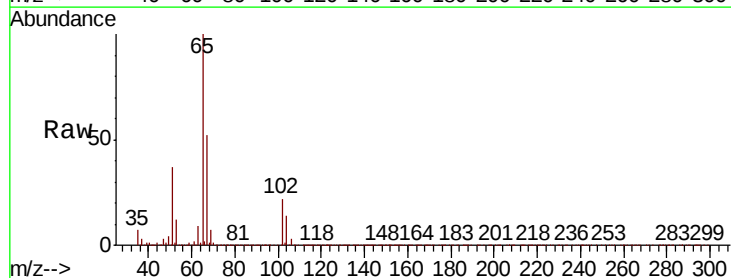
Acq: 12 Nov 2019 10:39

Tgt Ion: 65 Resp: 288805

Ion Ratio Lower Upper

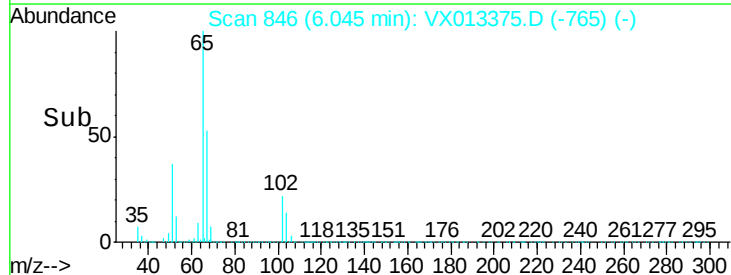
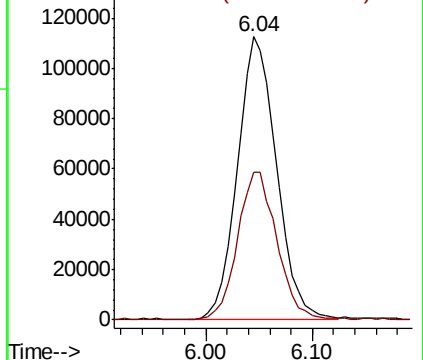
65 100

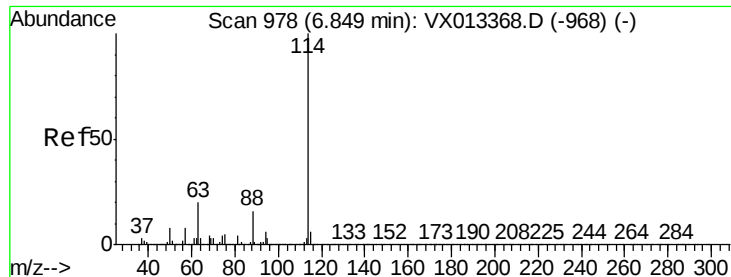
67 52.2 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

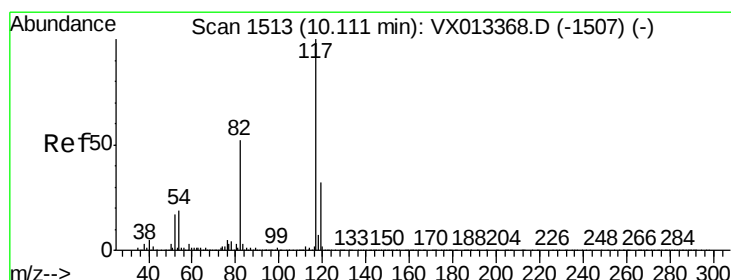
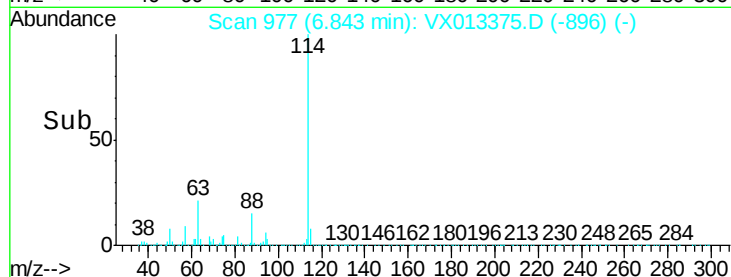
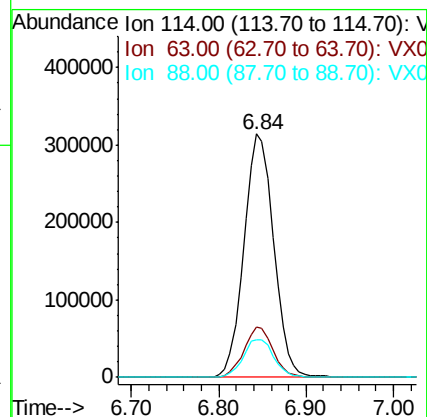
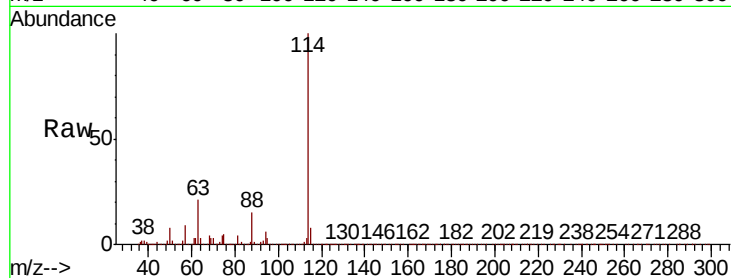




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX013375.D
Acq: 12 Nov 2019 10:39

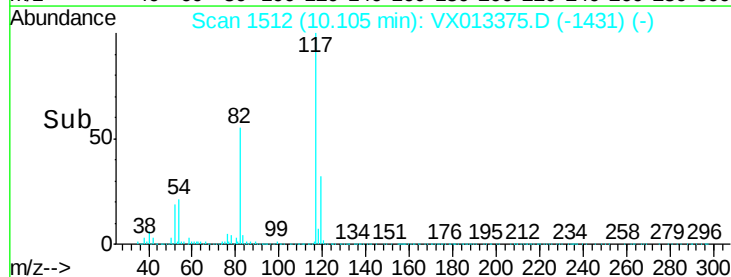
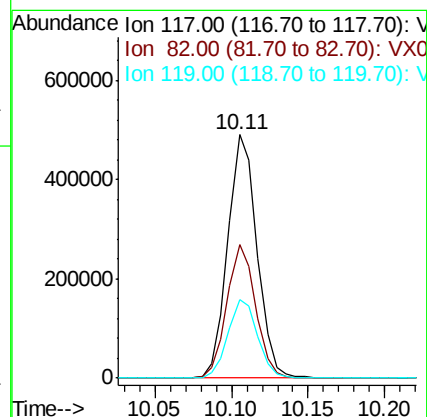
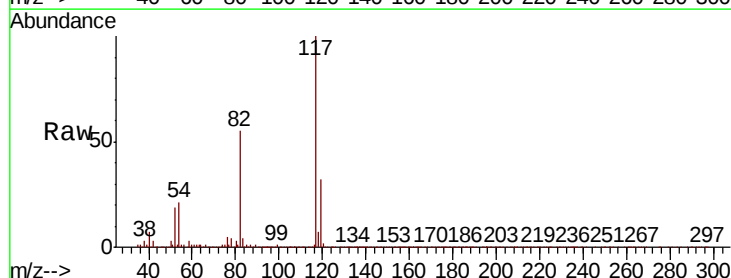
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBL01

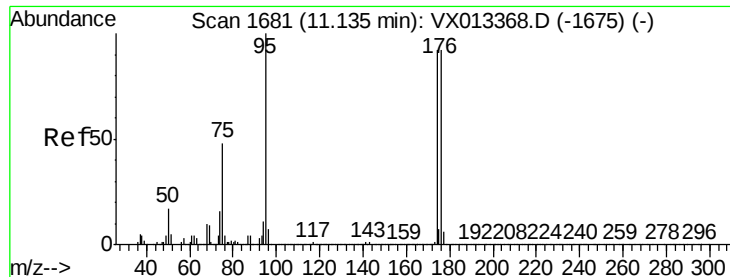
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	15.6	12.3	18.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013375.D
Acq: 12 Nov 2019 10:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.7	65.5
119	33.0	25.5	38.3

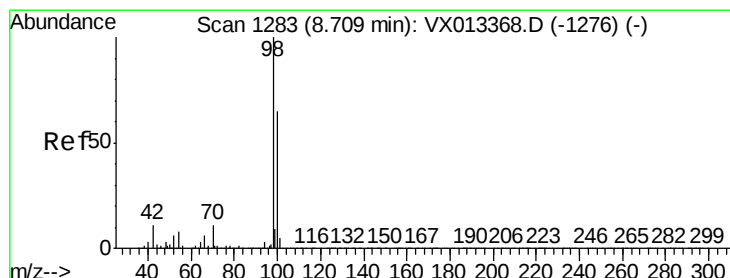
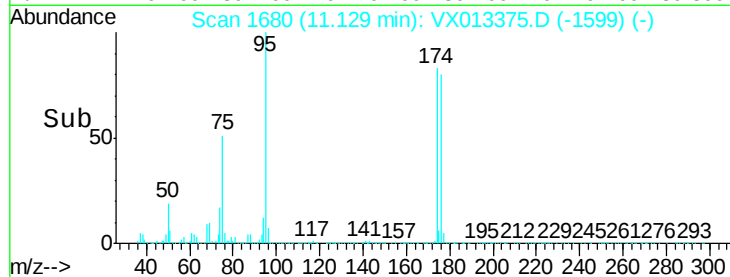
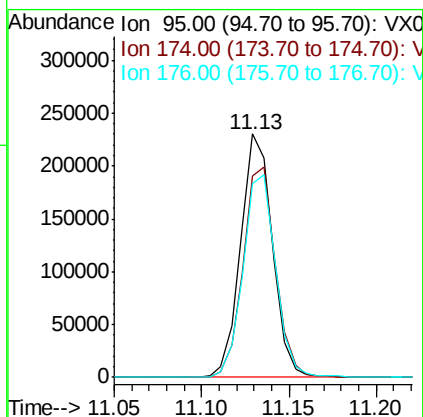
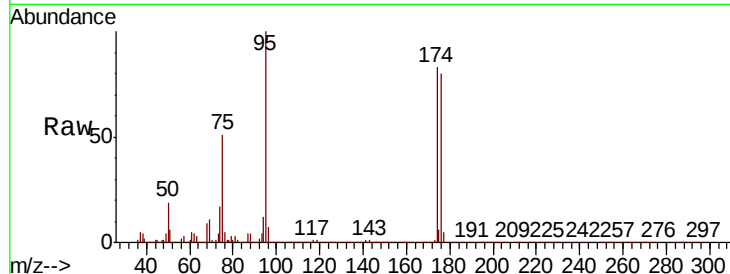




#60
4-Bromofluorobenzene
Concen: 28.037 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013375.D
Acq: 12 Nov 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBL01

Tot Ion	Ratio	Lower	Upper
95	100		
174	87.8	70.2	105.2
176	85.7	68.3	102.5



#63
Toluene-d8
Concen: 30.630 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013375.D
Acq: 12 Nov 2019 10:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7

