

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015052.D
 Acq On : 28 Feb 2020 10:19
 Operator : JC/SP
 Sample : VX0228WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBL02

Quant Time: Feb 28 23:39:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	70478	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	369303	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	330579	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	145345	29.66	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.87%
60) 4-Bromofluorobenzene	11.14	95	138245	26.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.50%
63) Toluene-d8	8.71	98	434523	30.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.47%

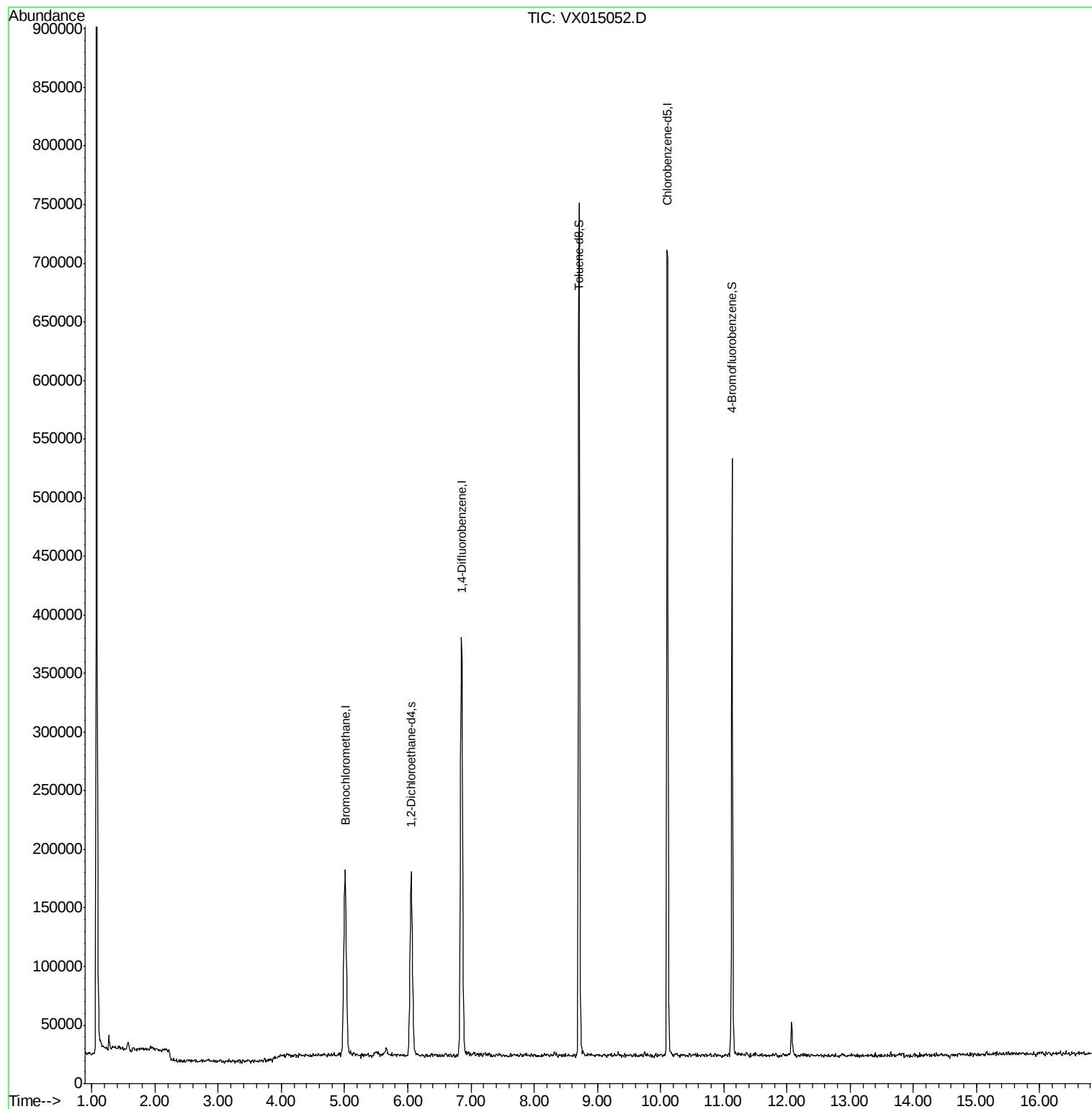
Target Compounds	Ovalue

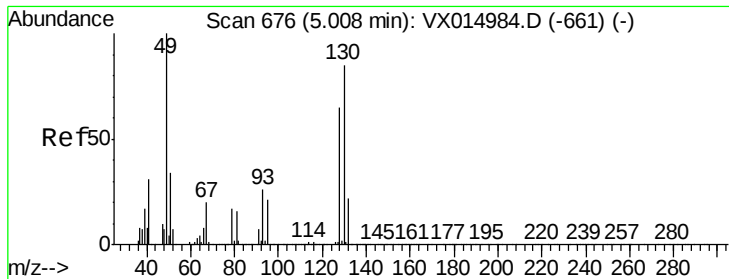
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX015052.D

Acq: 28 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBL02

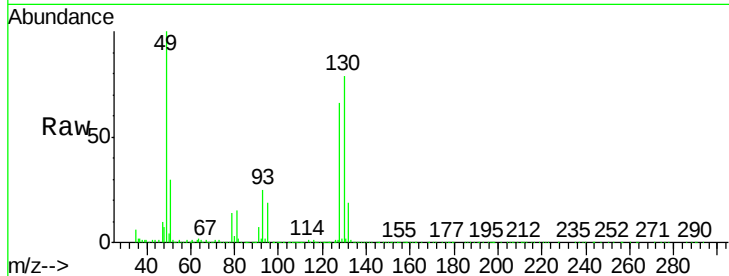
Tot Ion:128 Resp: 70478

Ion Ratio Lower Upper

128 100

49 157.7 0.0 384.7

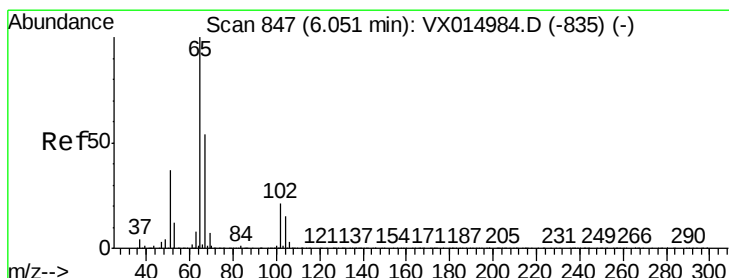
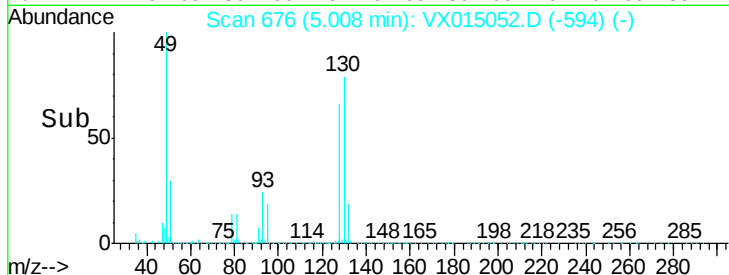
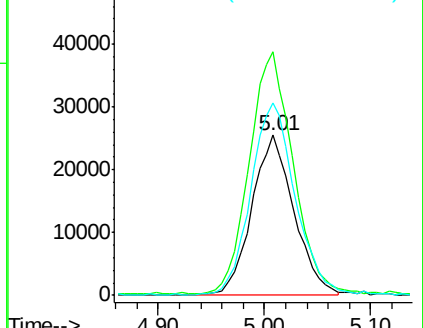
130 127.4 0.0 330.8



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: 29.658 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015052.D

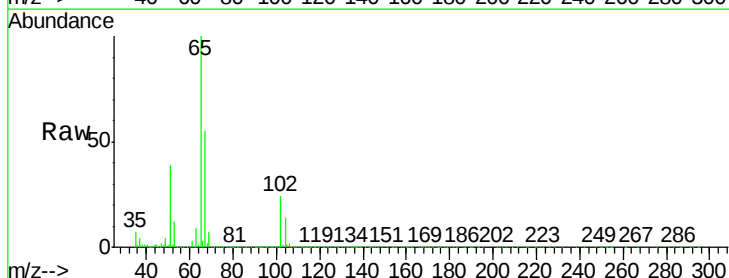
Acq: 28 Feb 2020 10:19

Tgt Ion: 65 Resp: 145345

Ion Ratio Lower Upper

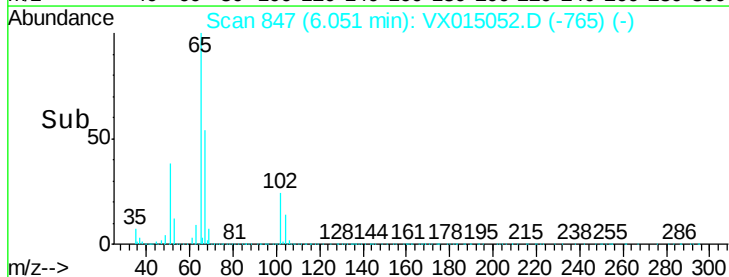
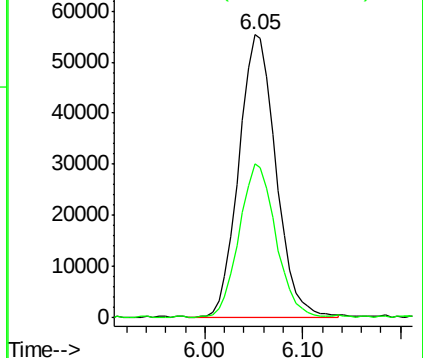
65 100

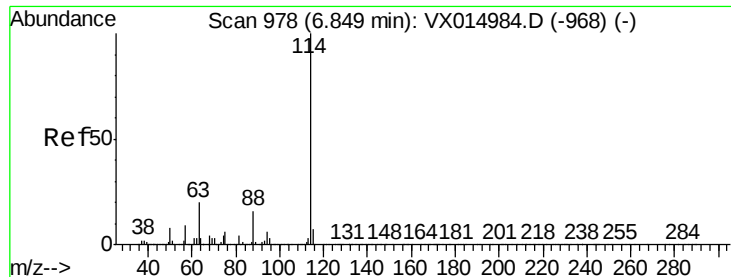
67 53.6 41.9 62.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

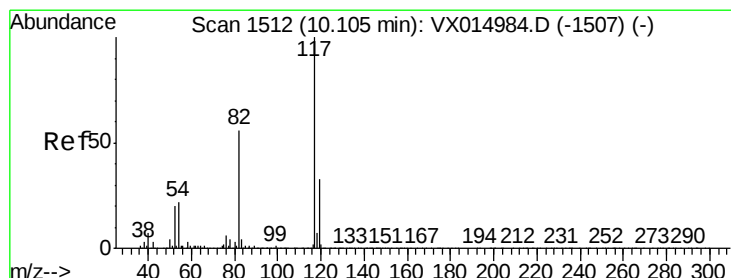
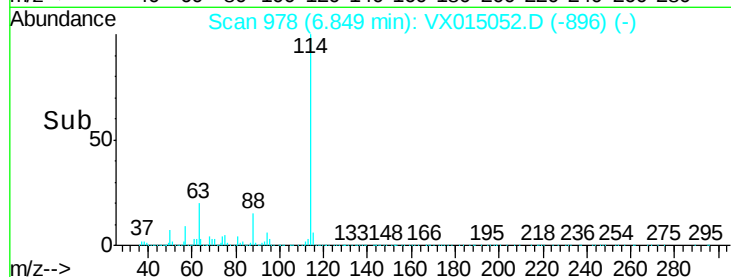
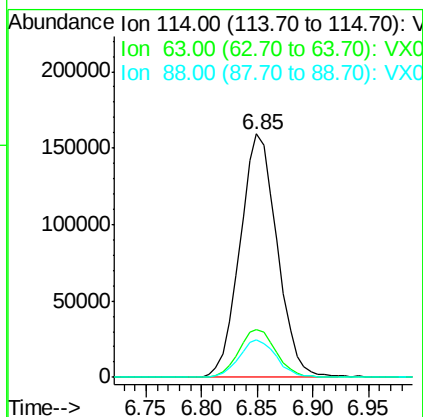
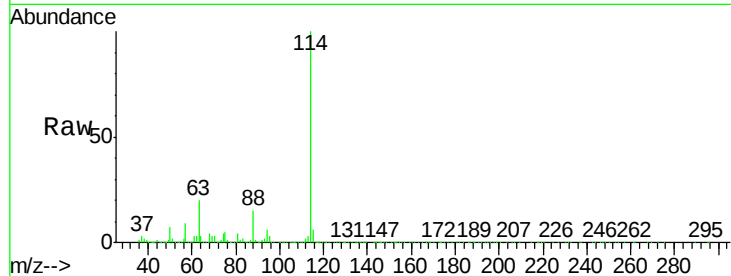




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX015052.D
Acq: 28 Feb 2020 10:19

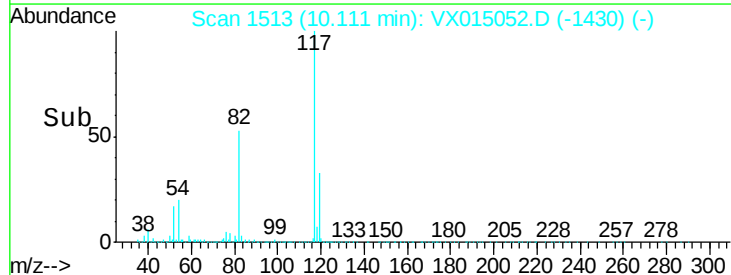
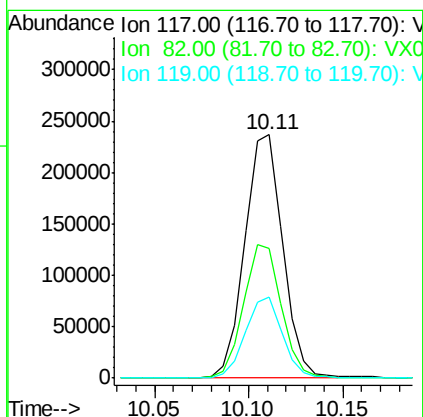
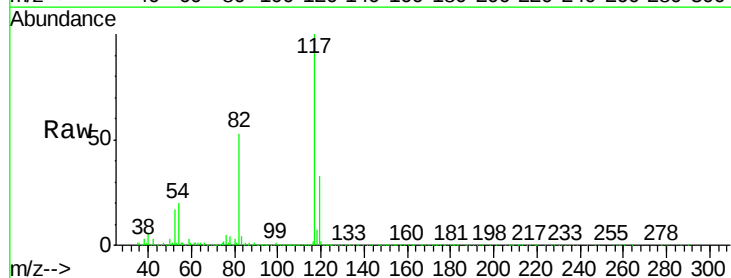
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL02

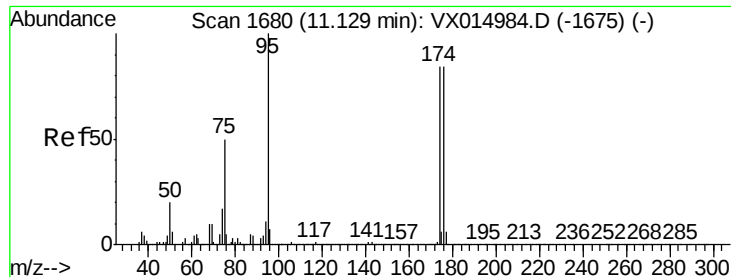
Tot Ion:114 Resp: 369303
Ion Ratio Lower Upper
114 100
63 20.0 15.6 23.4
88 15.6 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VX015052.D
Acq: 28 Feb 2020 10:19

Tgt Ion:117 Resp: 330579
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.2
119 32.6 26.0 39.0

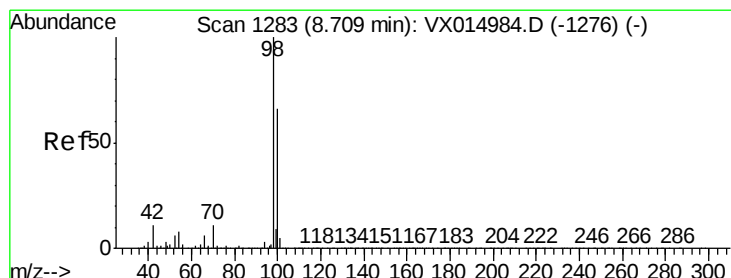
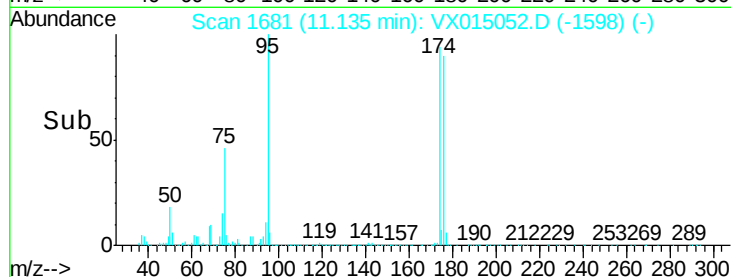
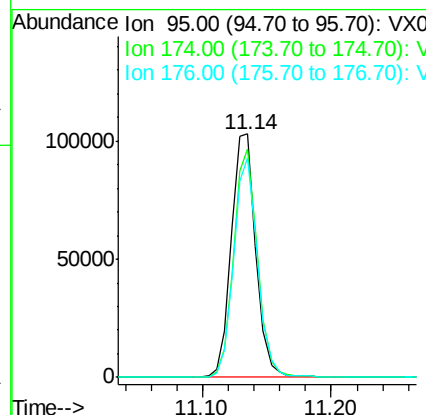
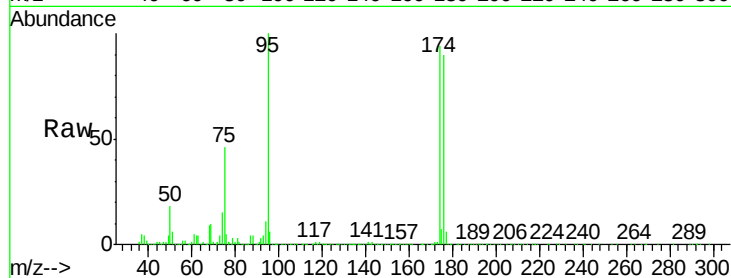




#60
4-Bromofluorobenzene
Concen: 26.850 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015052.D
Acq: 28 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL02

Tot Ion: 95 Resp: 138245
Ion Ratio Lower Upper
95 100
174 91.3 72.3 108.5
176 87.4 72.0 108.0



#63
Toluene-d8
Concen: 30.142 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015052.D
Acq: 28 Feb 2020 10:19

Tgt Ion: 98 Resp: 434523
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2

