

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015235.D
 Acq On : 12 Mar 2020 15:11
 Operator : JC/SP
 Sample : VX0312WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBL02

Quant Time: Mar 13 04:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	47983	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.84	114	252847	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	226470	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.04	65	95507	29.51	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.37%
60) 4-Bromofluorobenzene	11.13	95	106629	29.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.60%
63) Toluene-d8	8.71	98	299182	30.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.80%

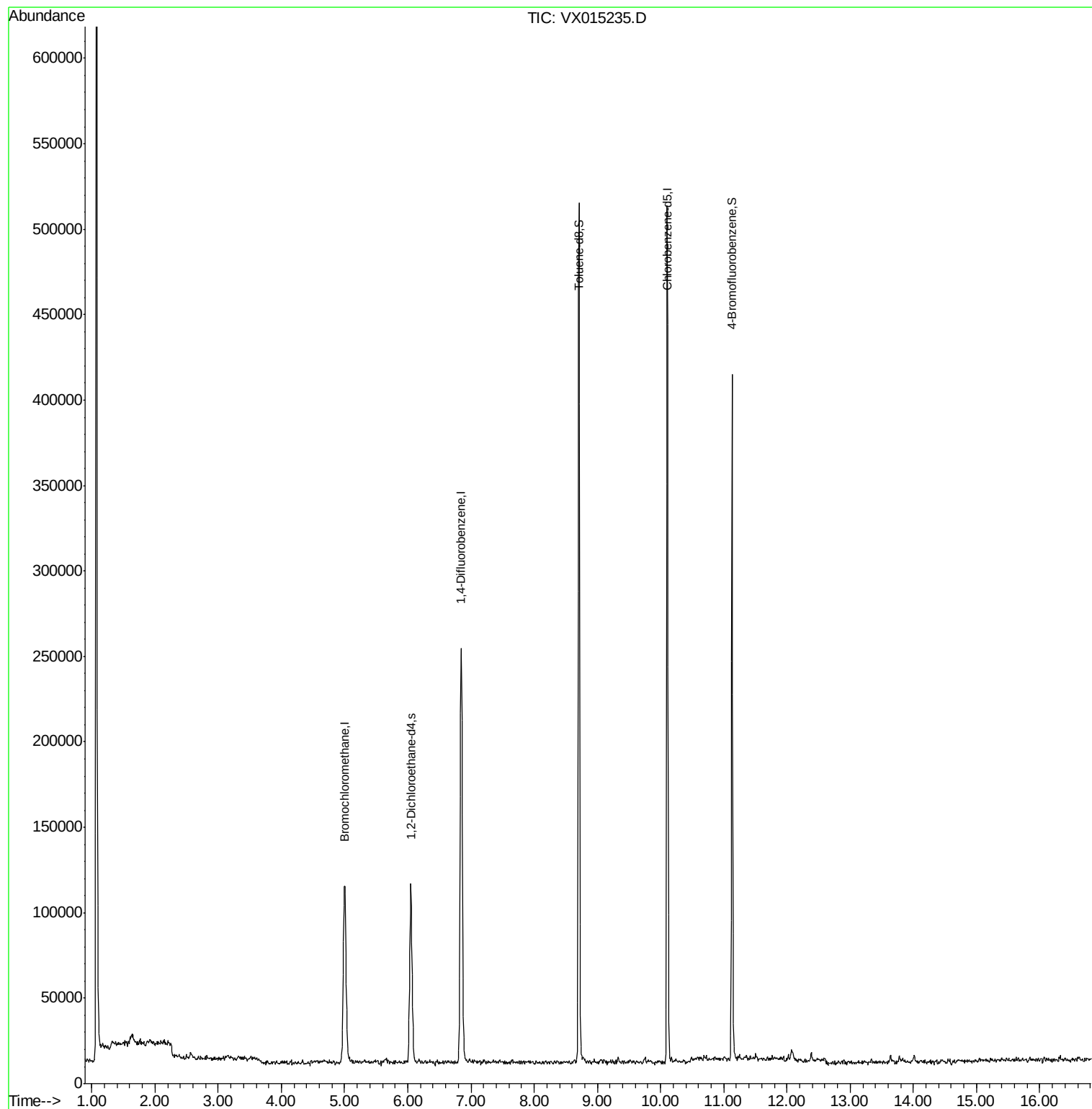
Target Compounds	Ovalue

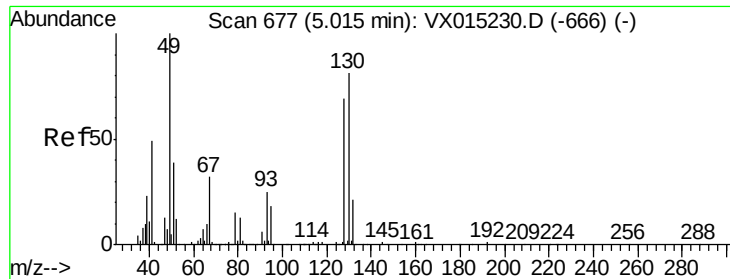
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 13 04:07:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015235.D

Acq: 12 Mar 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBL02

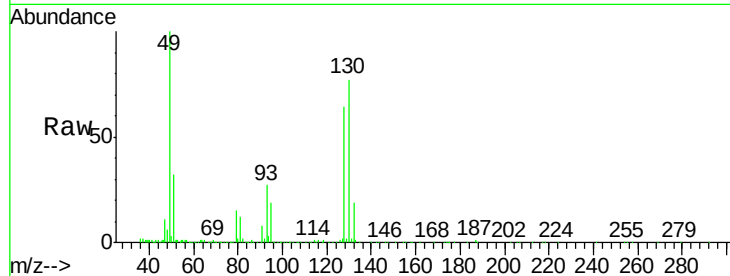
Tot Ion:128 Resp: 47983

Ion Ratio Lower Upper

128 100

49 161.1 0.0 406.8

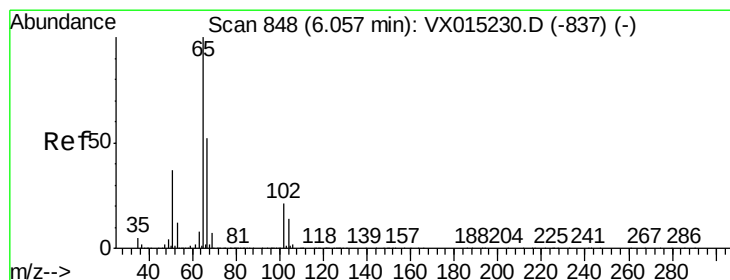
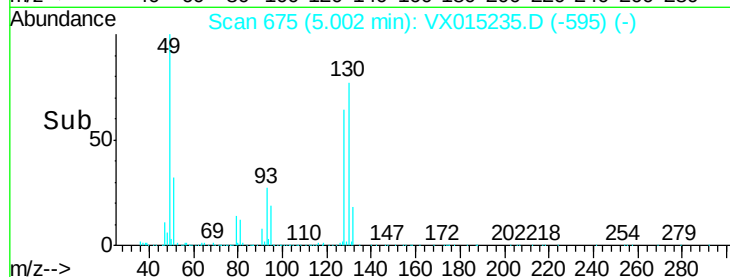
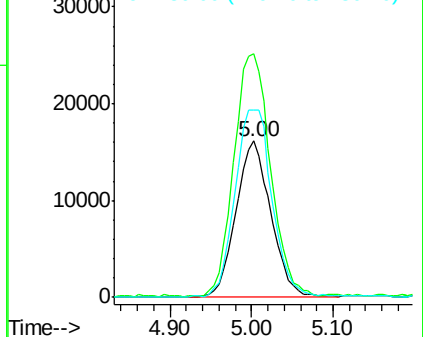
130 127.4 0.0 319.3



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: 29.506 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015235.D

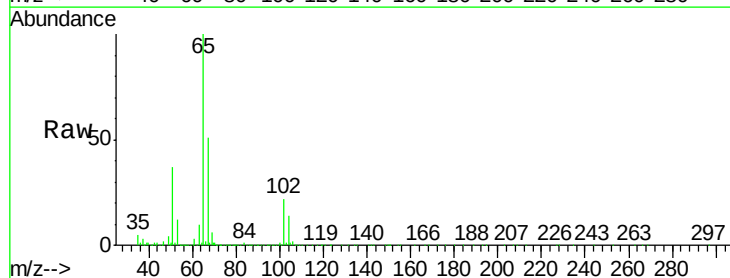
Acq: 12 Mar 2020 15:11

Tgt Ion: 65 Resp: 95507

Ion Ratio Lower Upper

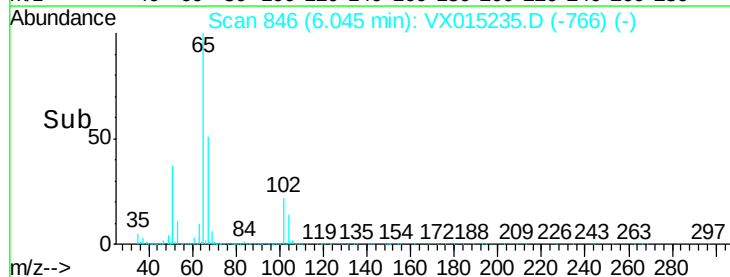
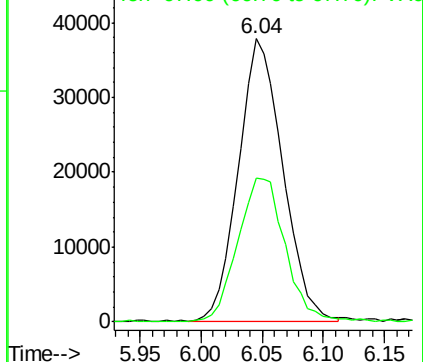
65 100

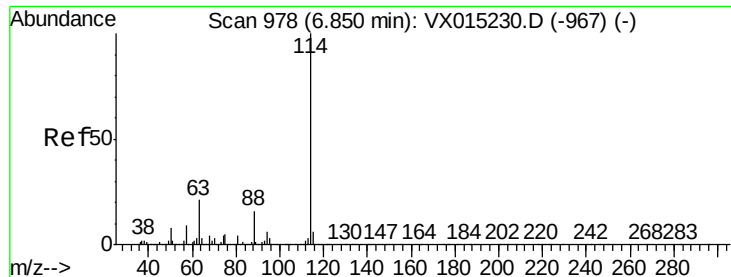
67 53.7 43.5 65.3



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: VX015235.D

Acq: 12 Mar 2020 15:11

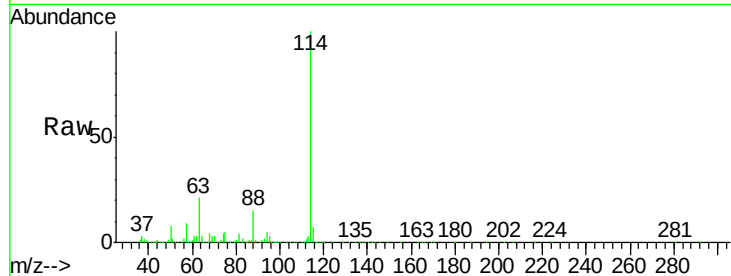
Instrument :

MSVOA_X

ClientSampleId :

VX0312WBL02

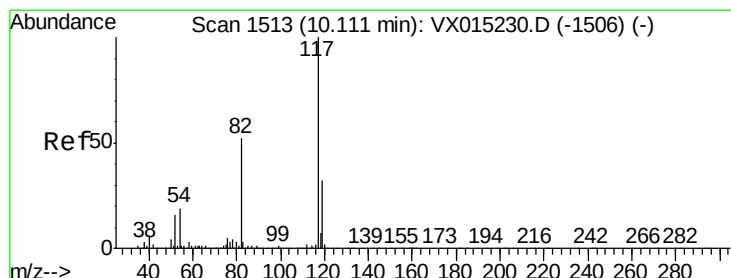
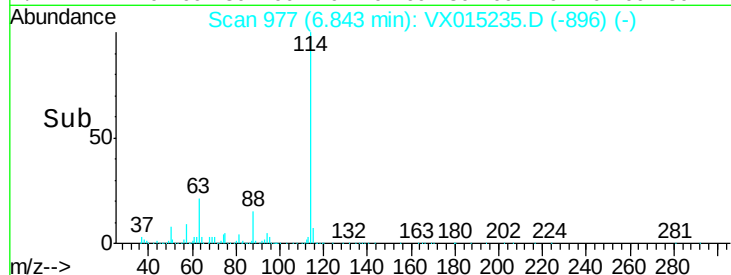
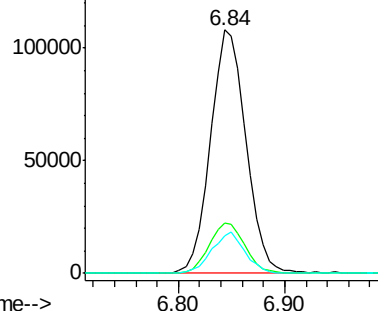
Tot Ion:	114	Resp:	252847
Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.6	24.8
88	15.8	12.6	19.0



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

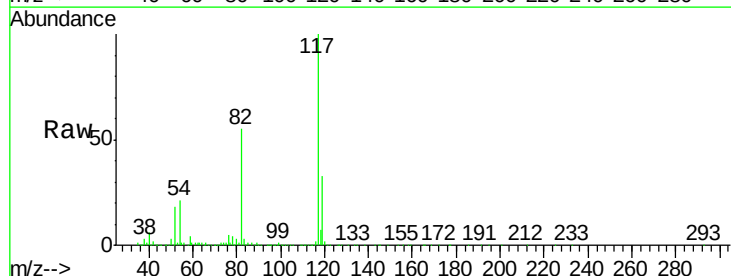
RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015235.D

Acq: 12 Mar 2020 15:11

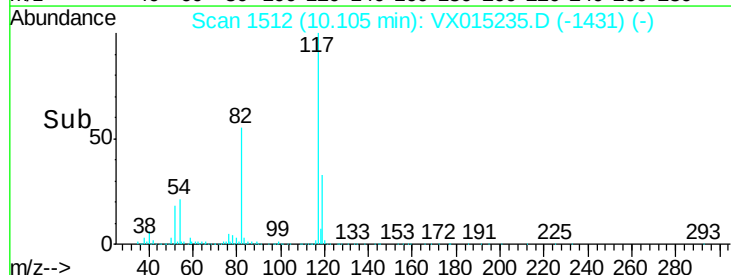
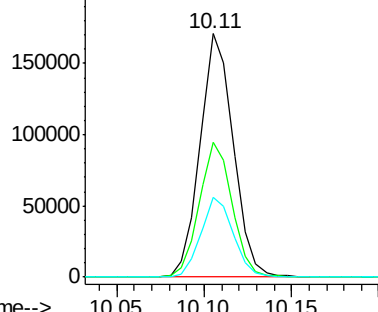
Tgt Ion:	117	Resp:	226470
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.2	64.8
119	32.5	25.8	38.8

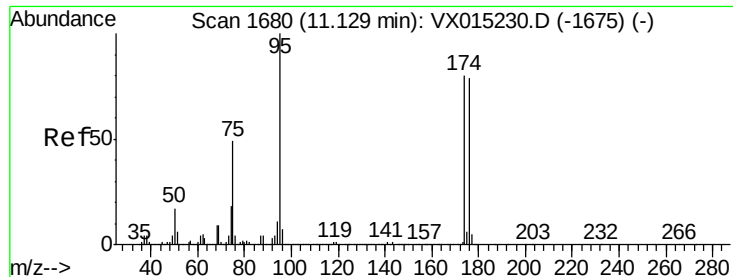


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

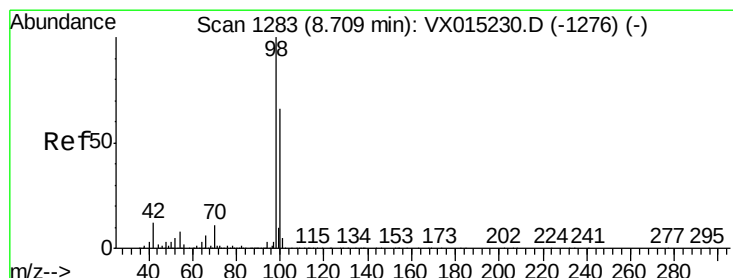
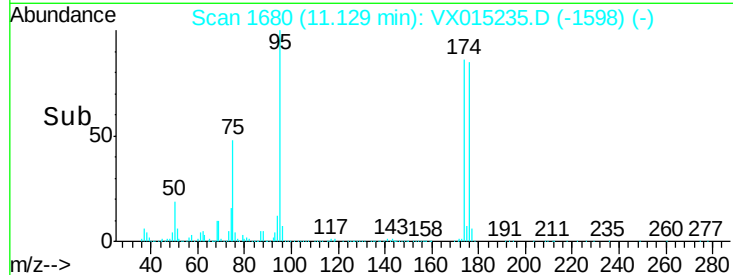
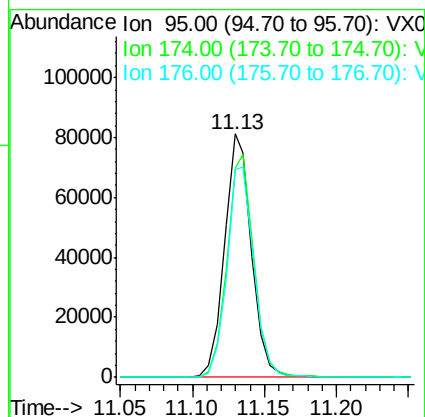
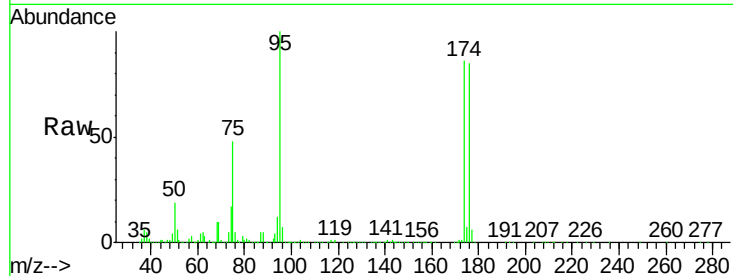




#60
4-Bromofluorobenzene
Concen: 29.577 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015235.D
Acq: 12 Mar 2020 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL02

Tot Ion: 95 Resp: 106629
Ion Ratio Lower Upper
95 100
174 91.0 72.0 108.0
176 87.3 70.1 105.1



#63
Toluene-d8
Concen: 30.841 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015235.D
Acq: 12 Mar 2020 15:11

Tgt Ion: 98 Resp: 299182
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4

