

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL020916\
 Data File : VL026830.D
 Acq On : 9 Feb 2016 21:26
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Feb 10 03:48:01 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL020916AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
 QLast Update : Wed Feb 10 03:14:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.69	49	1780574	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.36	114	4826164	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.79	117	4518200	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.33	95	3232000	9.96	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

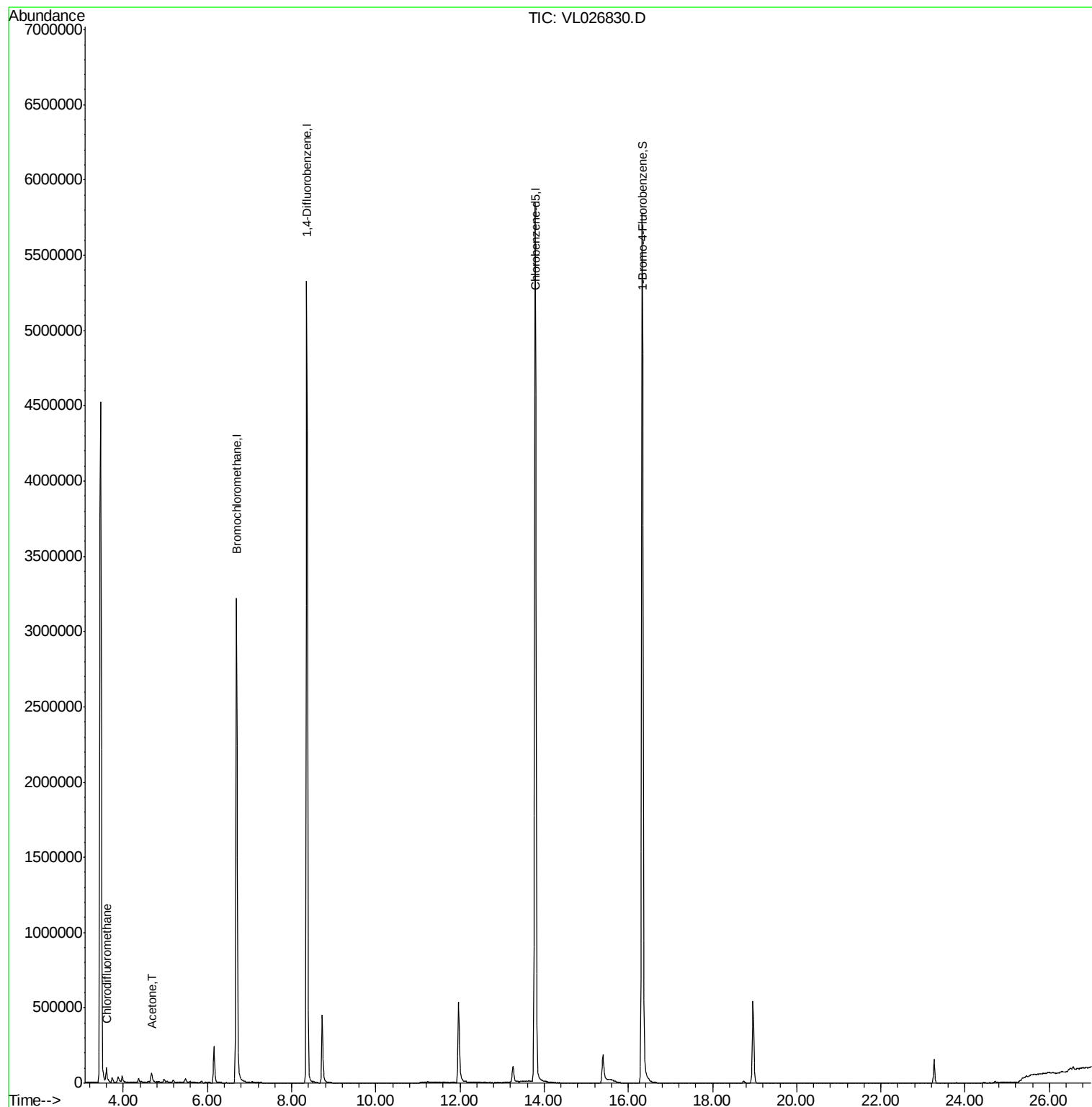
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.60	51	72588	0.25	ppbv	96
15) Acetone	4.68	43	41263	0.17	ppbv	# 1

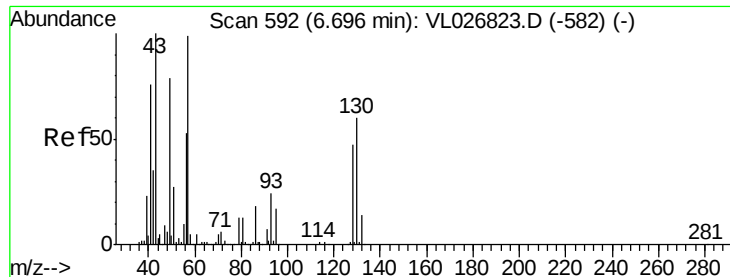
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 10 03:14:04 2016
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.69 min Scan# 591

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

VIBLK

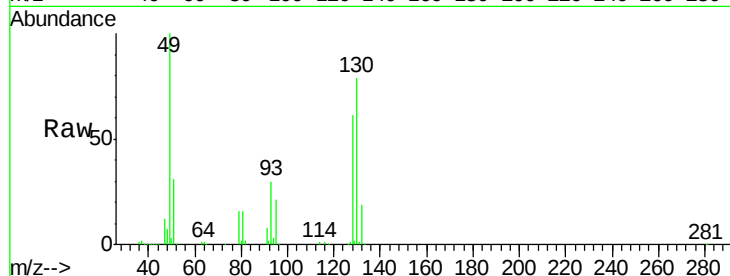
Tot Ion: 49 Resp: 1780574

Ion Ratio Lower Upper

49 100

128 59.6 29.7 89.1

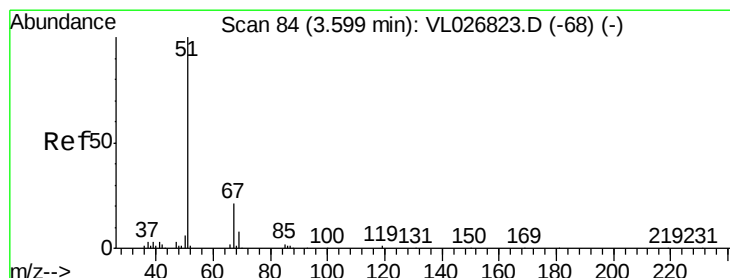
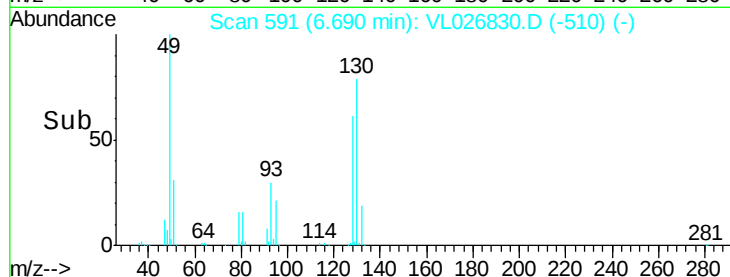
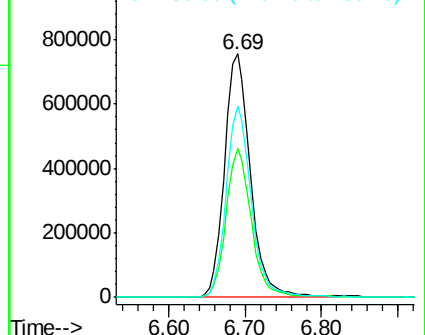
130 77.0 38.3 114.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 0.25 ppbv

RT: 3.60 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL026830.D

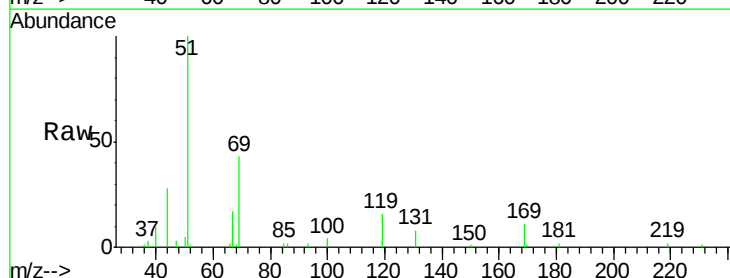
Acq: 9 Feb 2016 21:26

Tgt Ion: 51 Resp: 72588

Ion Ratio Lower Upper

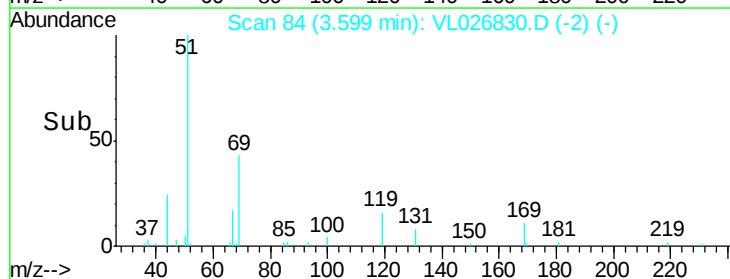
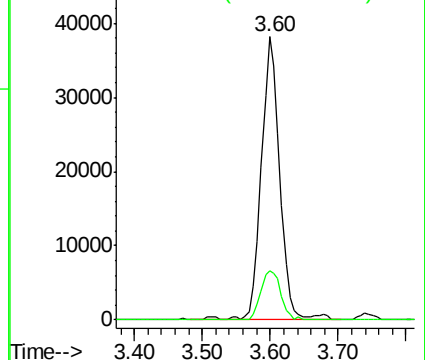
51 100

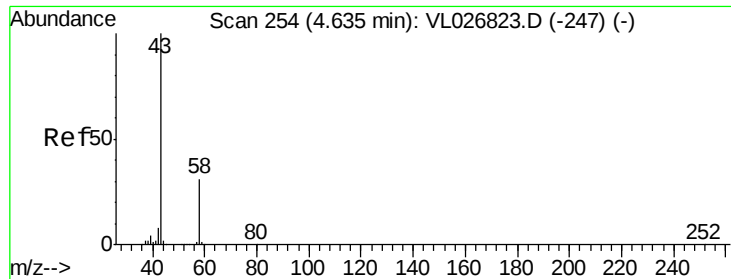
67 18.7 16.4 24.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#15

Acetone

Concen: 0.17 ppbv

RT: 4.68 min Scan# 261

Delta R.T. 0.04 min

Lab File: VL026830.D

Acq: 9 Feb 2016 21:26

Instrument :

MSVOA_L

ClientSampleId :

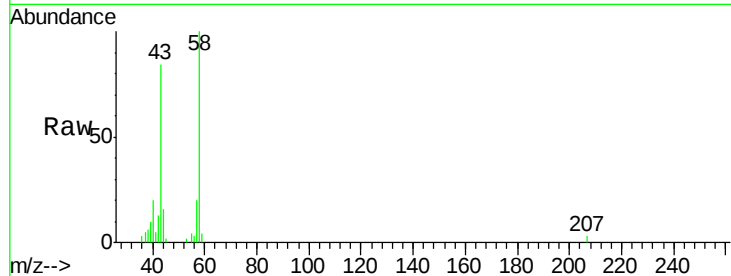
VIBLK

Tot Ion: 43 Resp: 41263

Ion Ratio Lower Upper

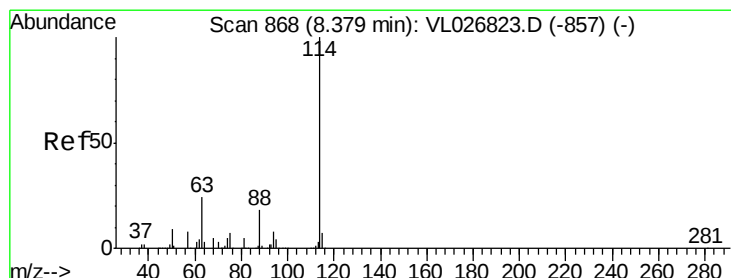
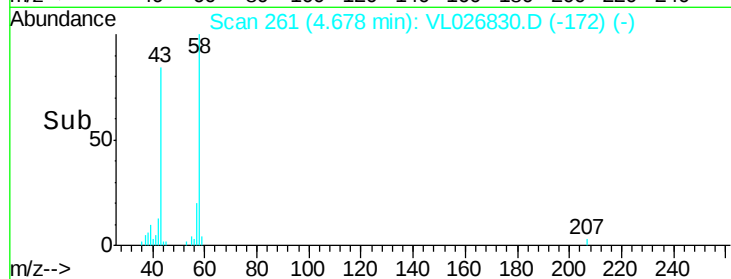
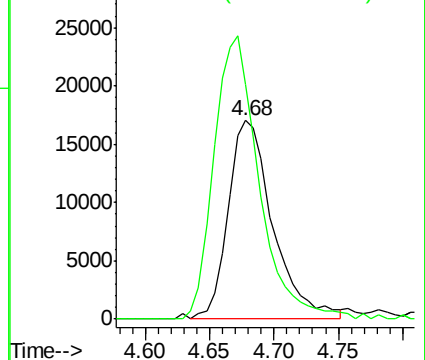
43 100

58 144.7 25.2 37.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 8.36 min Scan# 865

Delta R.T. -0.02 min

Lab File: VL026830.D

Acq: 9 Feb 2016 21:26

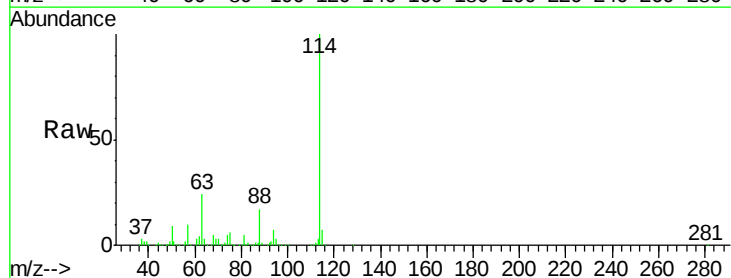
Tgt Ion: 114 Resp: 4826164

Ion Ratio Lower Upper

114 100

63 23.4 19.7 29.5

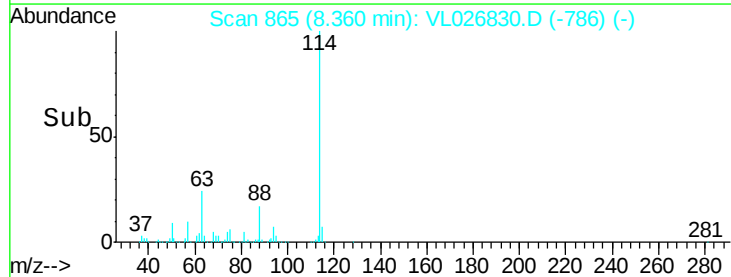
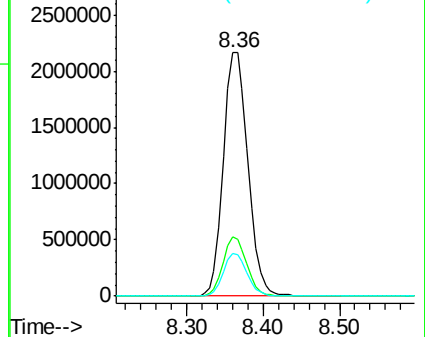
88 16.9 13.8 20.6

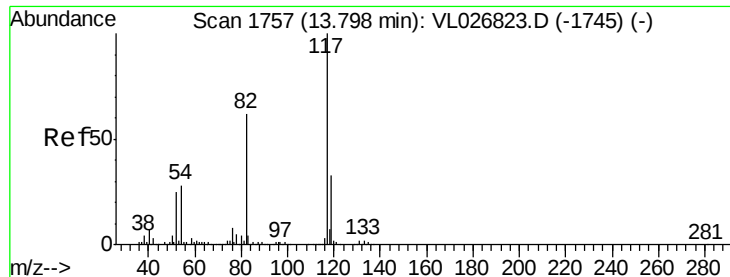


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

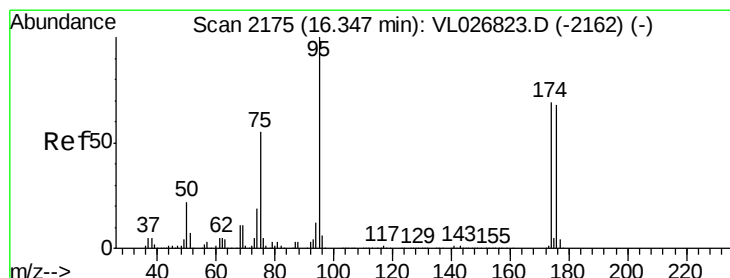
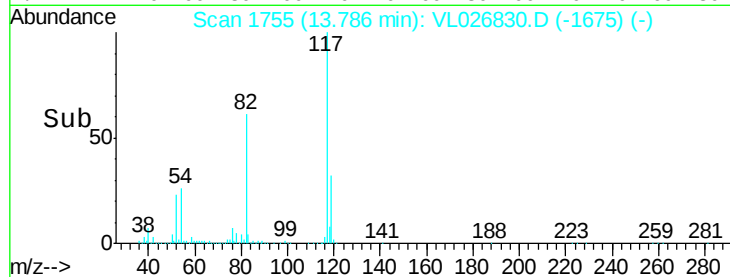
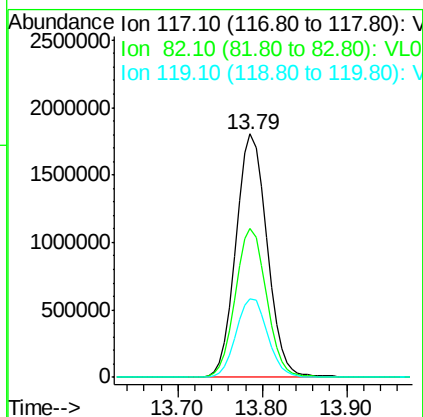
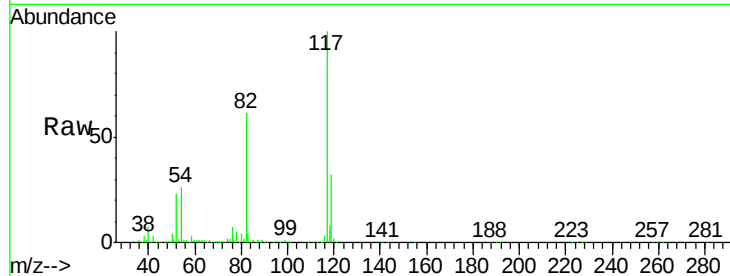




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VL026830.D
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Tot Ion:117 Resp: 4518200
Ion Ratio Lower Upper
117 100
82 0.0 51.9 77.9#
119 0.0 48.5 72.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.96 ppbv
RT: 16.33 min Scan# 2172
Delta R.T. -0.02 min
Lab File: VL026830.D
Acq: 9 Feb 2016 21:26

Tgt Ion: 95 Resp: 3232000
Ion Ratio Lower Upper
95 100
174 71.9 55.6 83.4
175 5.1 3.9 5.9

