

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071218\
 Data File : VL032236.D
 Acq On : 13 Jul 2018 2:57
 Operator : SY/AP
 Sample : VL0712ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABL01

Quant Time: Jul 13 05:28:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 04:25:14 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1870295	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3952669	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4798885	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3840140	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

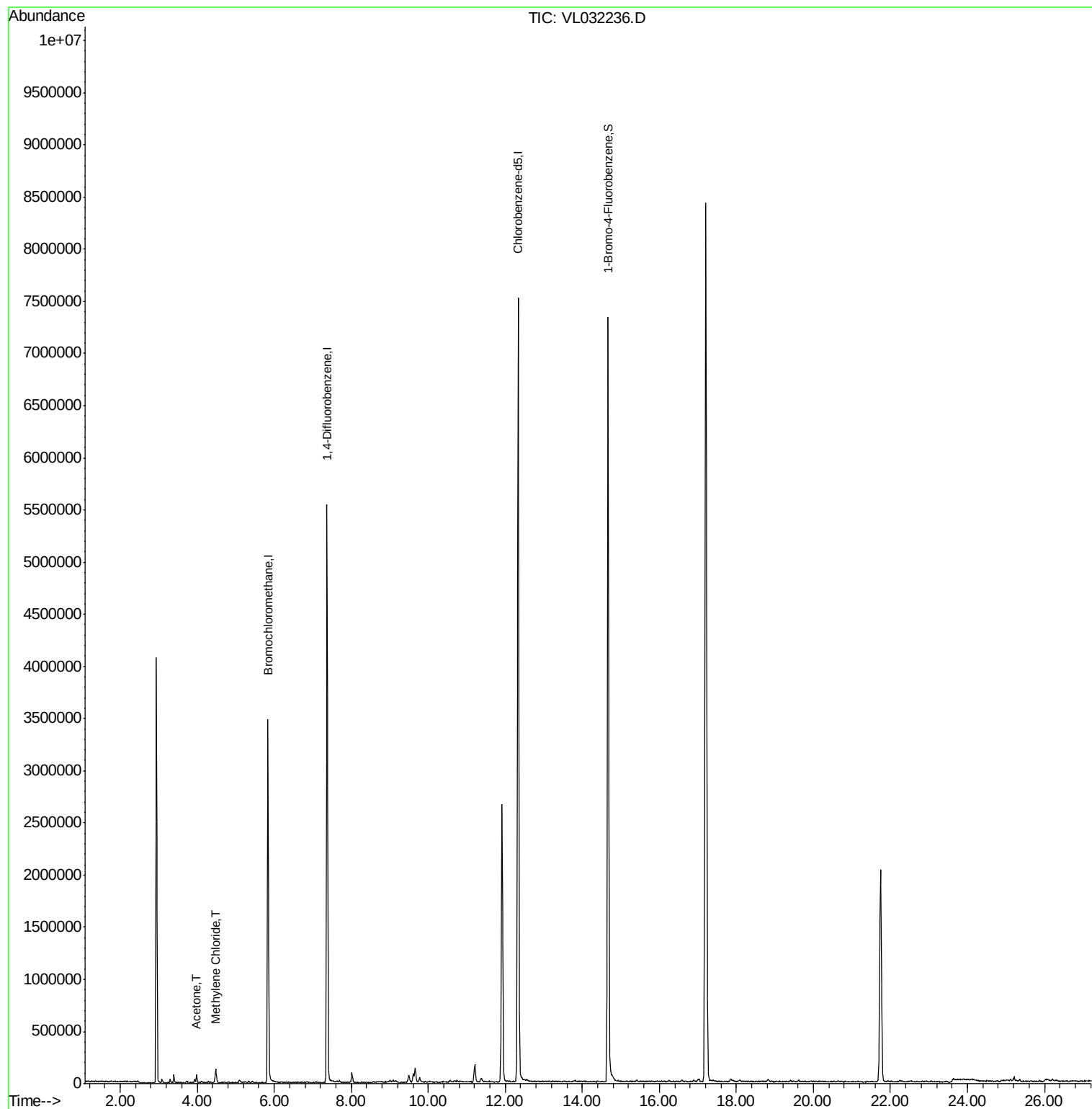
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.98	43	80808	0.37	ppbv	# 87
20) Methylene Chloride	4.48	84	37651	0.51	ppbv	99

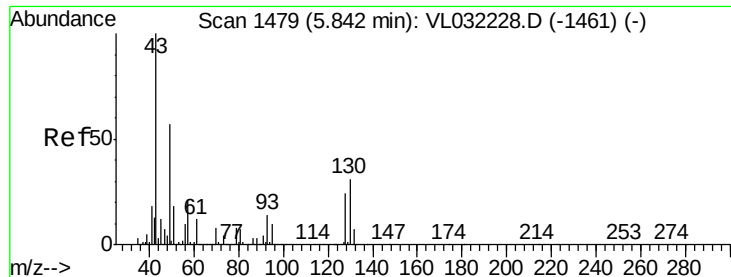
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.84 min Scan# 1477

Delta R.T. -0.01 min

Lab File: VL032236.D

Acq: 13 Jul 2018 2:57

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABL01

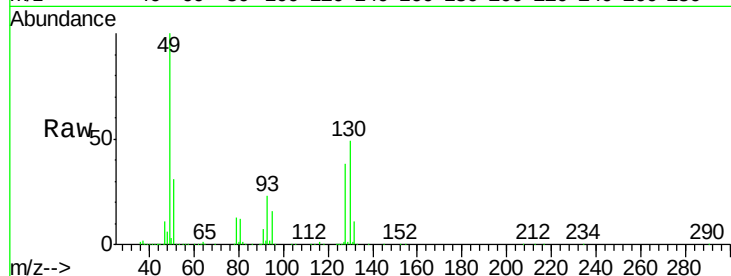
Tot Ion: 49 Resp: 1870295

Ion Ratio Lower Upper

49 100

128 40.8 20.9 62.8

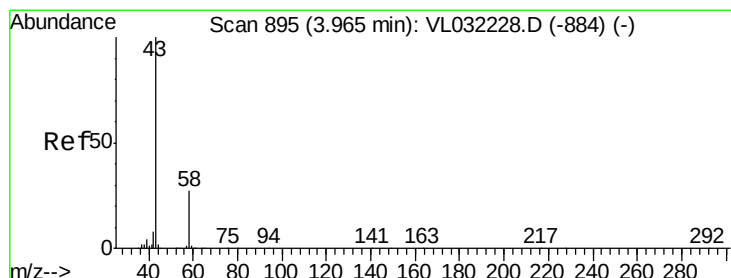
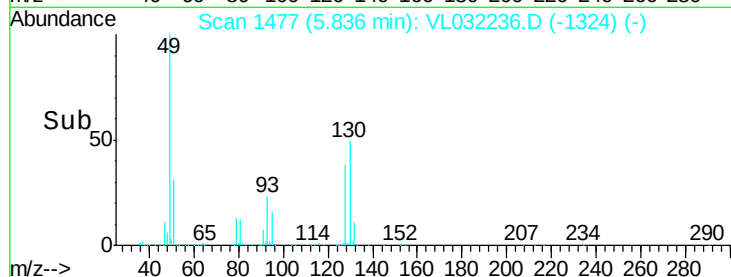
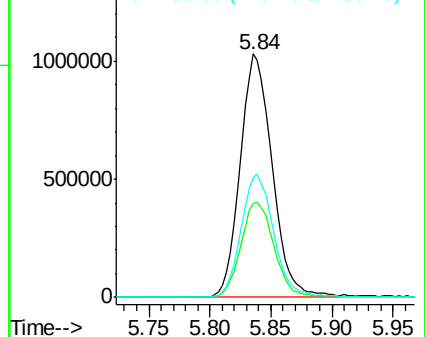
130 51.4 27.0 81.0



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



#15

Acetone

Concen: 0.37 ppbv

RT: 3.98 min Scan# 900

Delta R.T. 0.02 min

Lab File: VL032236.D

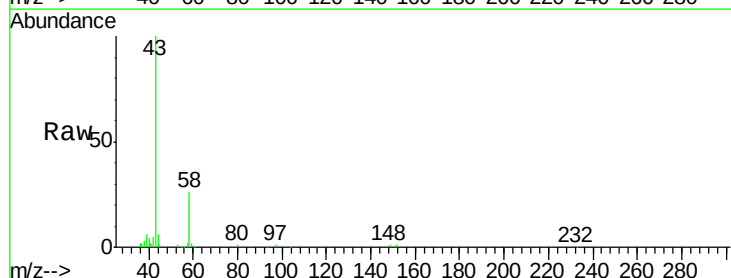
Acq: 13 Jul 2018 2:57

Tgt Ion: 43 Resp: 80808

Ion Ratio Lower Upper

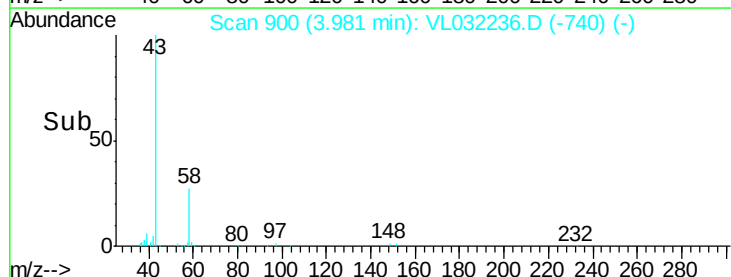
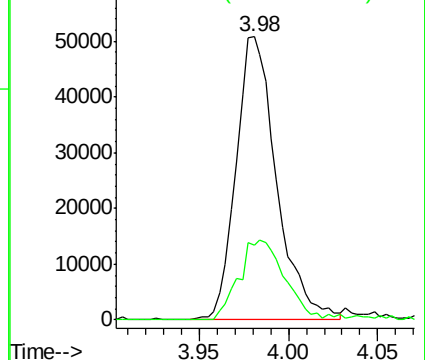
43 100

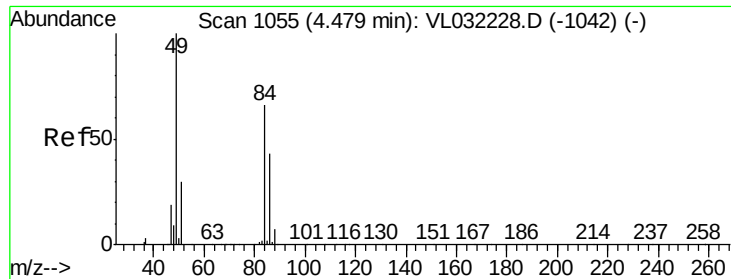
58 33.6 21.5 32.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

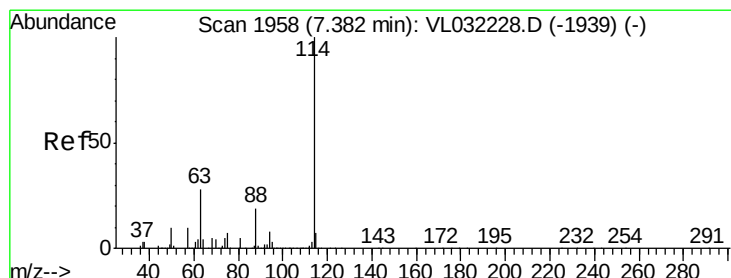
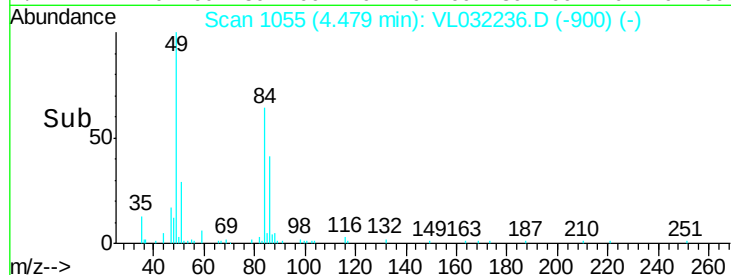
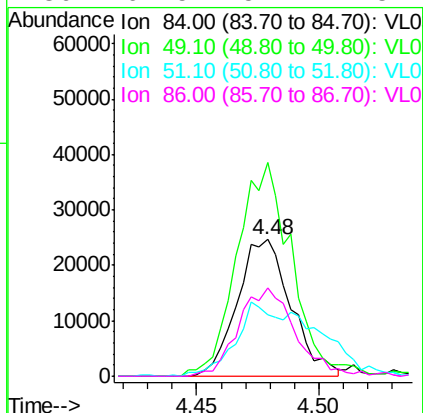
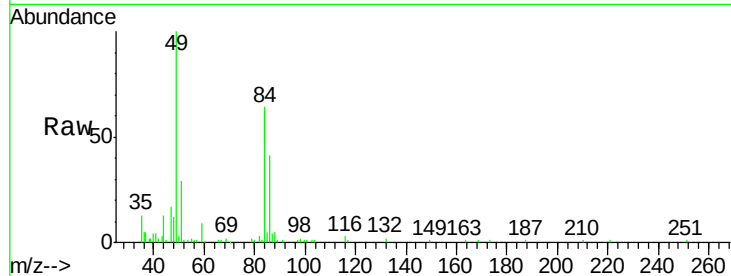




#20
Methvlene Chloride
Concen: 0.51 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VL032236.D
Acq: 13 Jul 2018 2:57

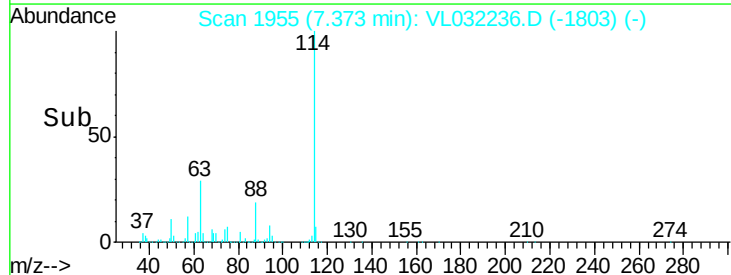
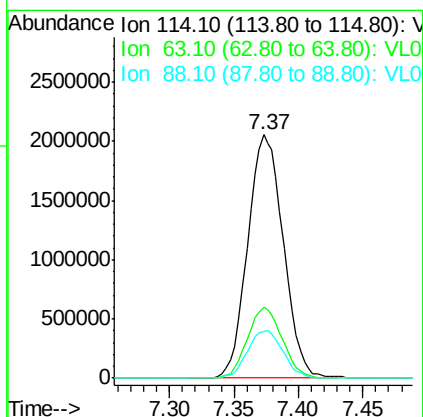
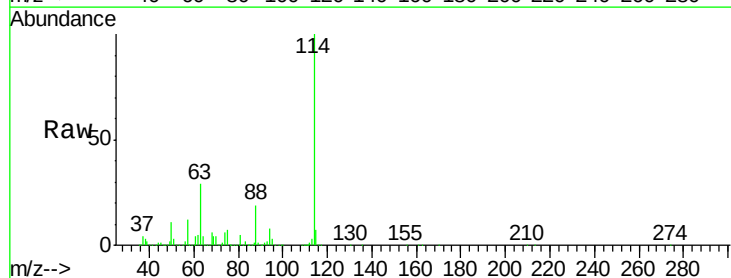
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABL01

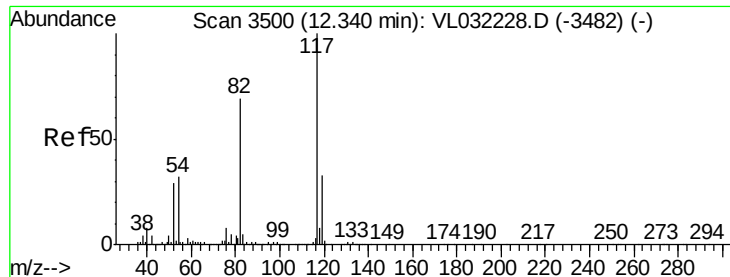
Tot Ion:	84	Resp:	37651
Ion	Ratio	Lower	Upper
84	100		
49	151.7	121.8	182.6
51	41.9	36.3	54.5
86	64.5	52.1	78.1



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032236.D
Acq: 13 Jul 2018 2:57

Tgt Ion:	114	Resp:	3952669
Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.5	33.7
88	19.6	15.4	23.0

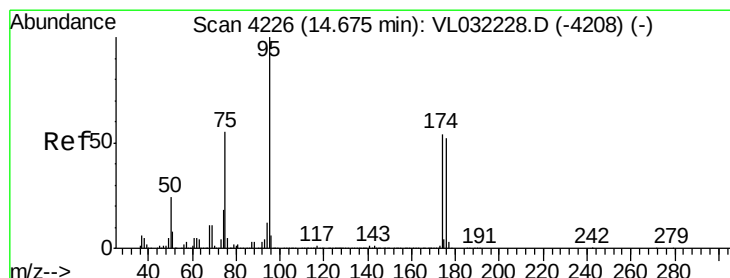
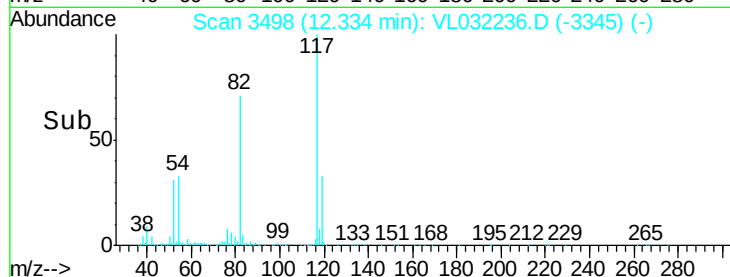
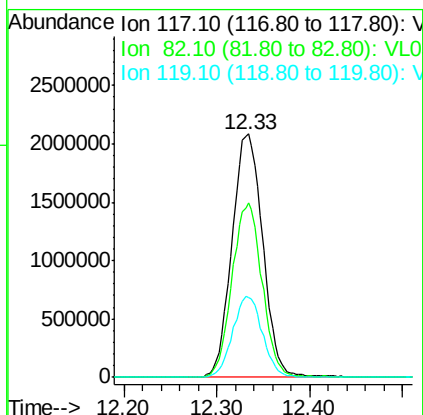
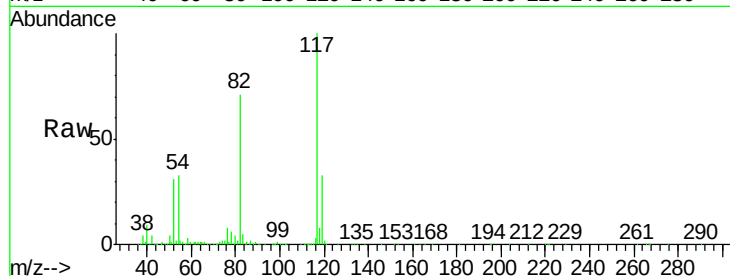




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3498
Delta R.T. -0.01 min
Lab File: VL032236.D
Acq: 13 Jul 2018 2:57

Instrument :
MSVOA_L
ClientSampleId :
VL0712ABL01

Tot Ion:117 Resp: 4798885
Ion Ratio Lower Upper
117 100
82 69.9 53.2 79.8
119 32.4 43.9 65.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.34 ppbv
RT: 14.67 min Scan# 4224
Delta R.T. -0.01 min
Lab File: VL032236.D
Acq: 13 Jul 2018 2:57

Tgt Ion: 95 Resp: 3840140
Ion Ratio Lower Upper
95 100
174 55.0 44.6 67.0
175 4.0 3.3 4.9

