

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
 Data File : VL034139.D
 Acq On : 10 Sep 2019 11:31
 Operator : SY/AP
 Sample : VL0910ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0910ABL01

Quant Time: Sep 11 02:01:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 05 10:21:45 2019
 QLast Update : Thu Sep 05 10:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1052041	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.22	114	1818961	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	1845217	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1586618	10.52	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

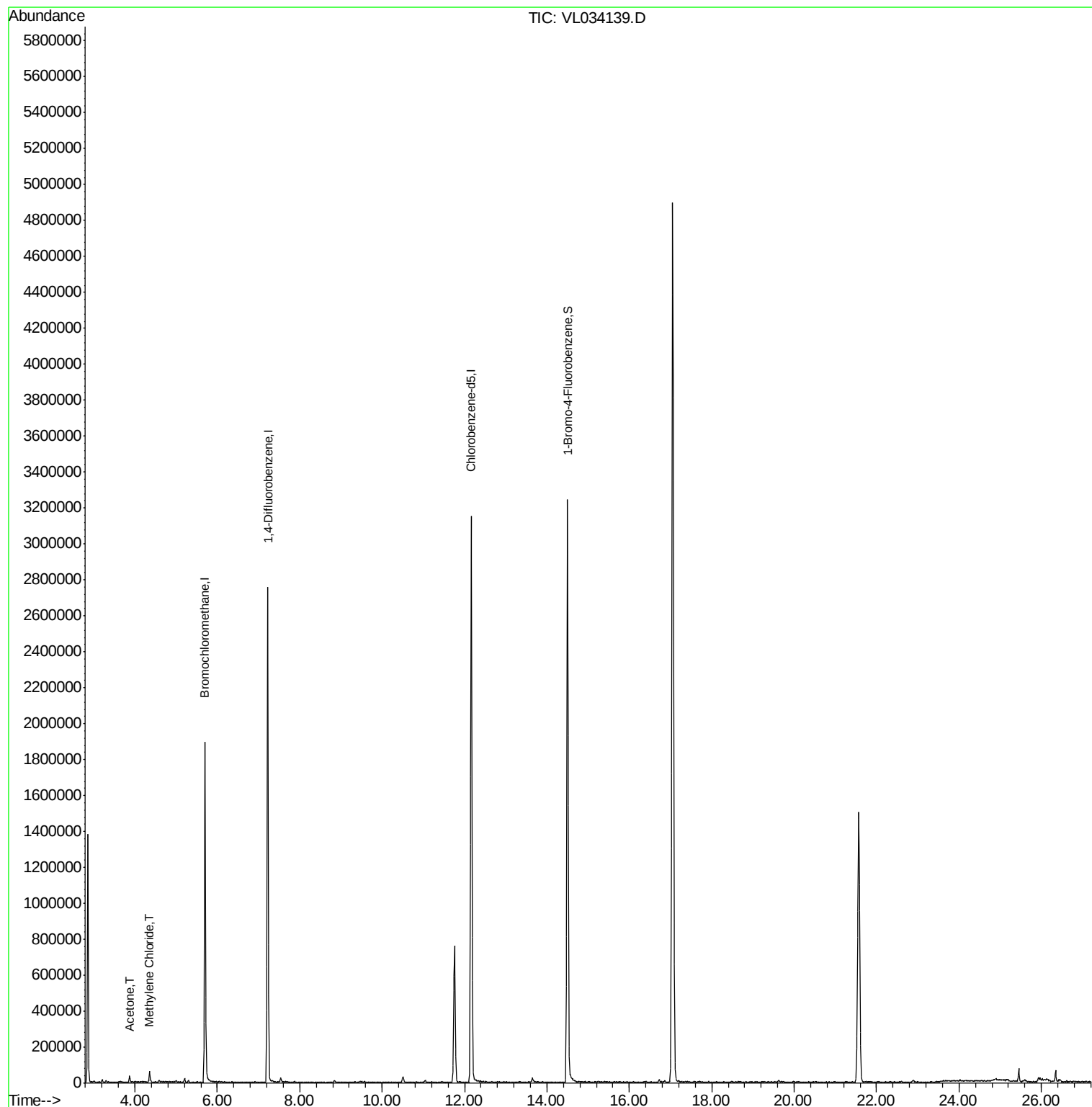
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	30514	0.241	ppbv	# 81
20) Methylene Chloride	4.35	84	14696	0.351	ppbv	90

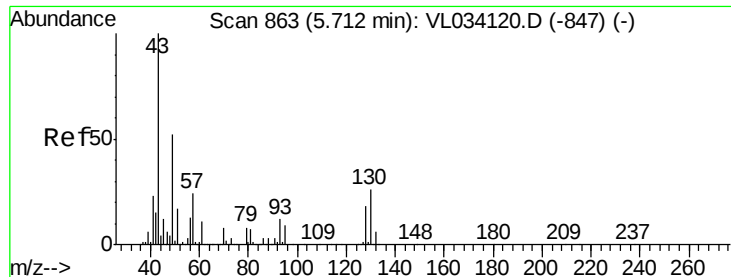
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 905

Delta R.T. -0.02 min

Lab File: VL034139.D

Acq: 10 Sep 2019 11:31

Instrument :

MSVOA_L

ClientSampleId :

VL0910ABL01

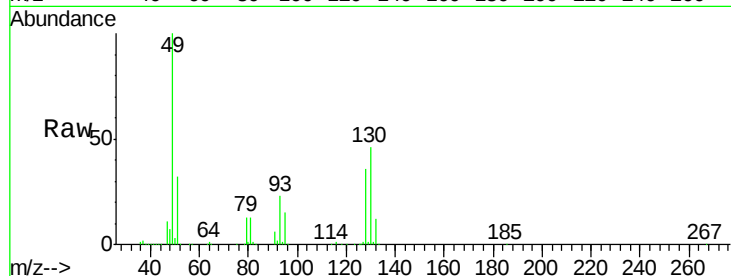
Tot Ion: 49 Resp: 1052041

Ion Ratio Lower Upper

49 100

128 36.0 18.4 55.0

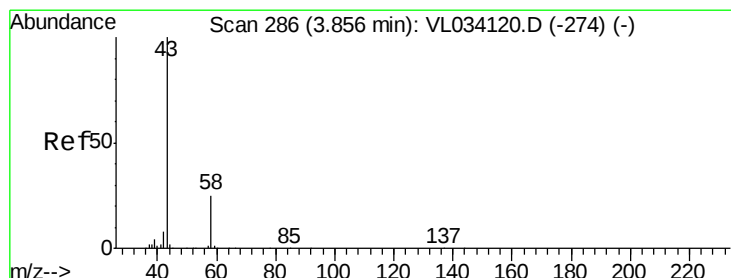
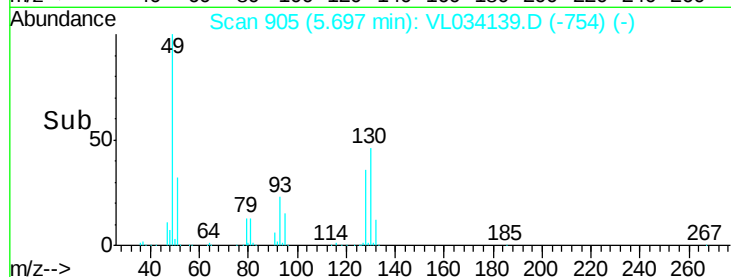
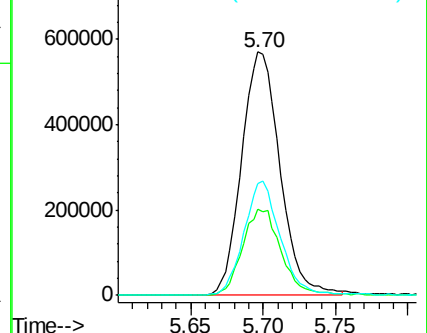
130 45.0 23.5 70.6



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: 0.241 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.01 min

Lab File: VL034139.D

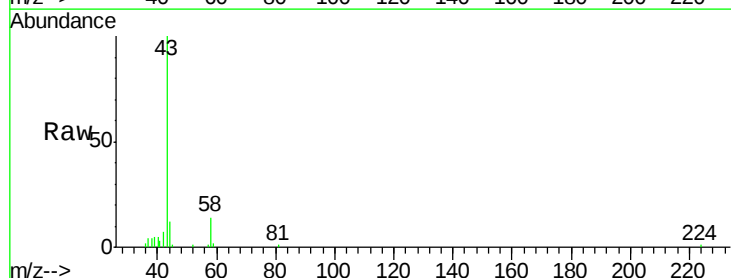
Acq: 10 Sep 2019 11:31

Tgt Ion: 43 Resp: 30514

Ion Ratio Lower Upper

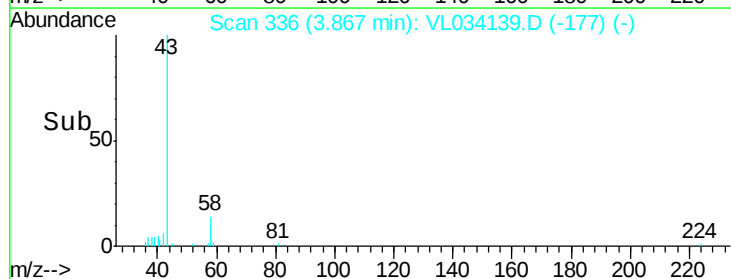
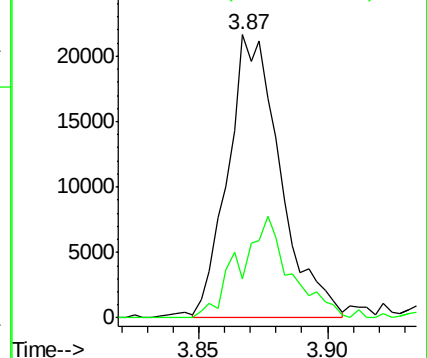
43 100

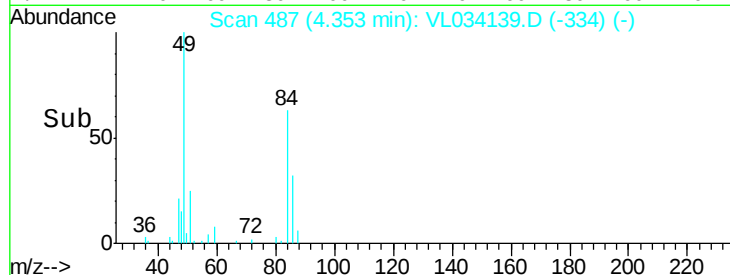
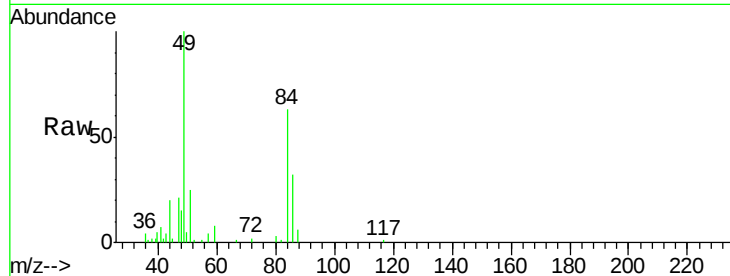
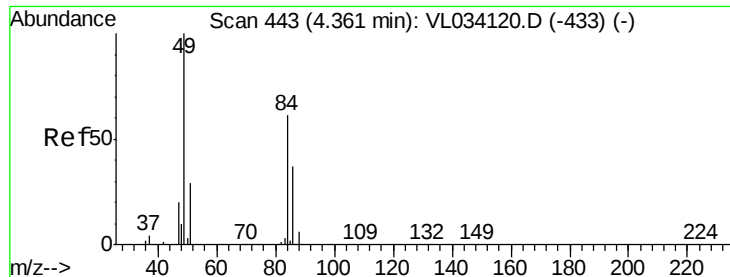
58 35.1 20.6 30.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

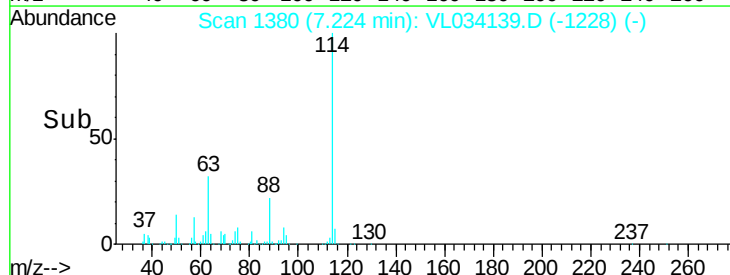
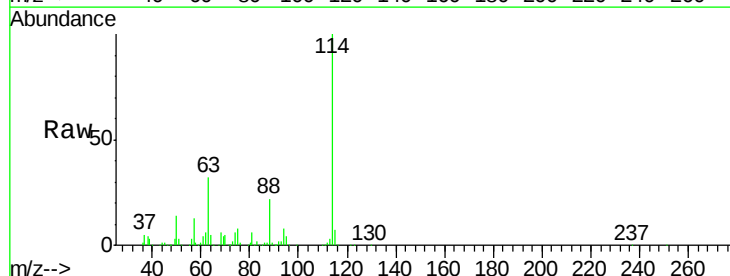
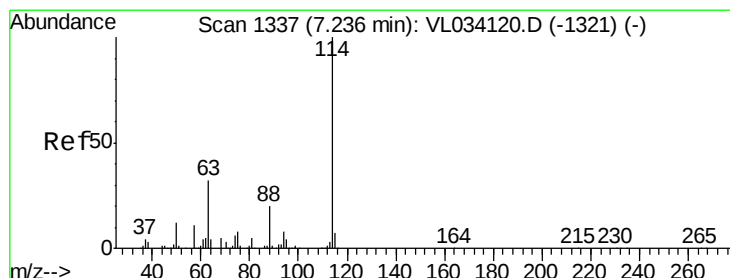
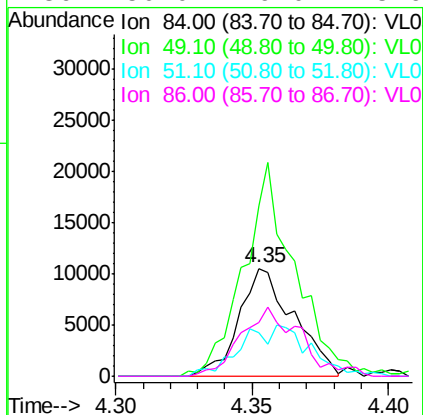




#20
Methvlene Chloride
Concen: 0.351 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.01 min
Lab File: VL034139.D
Acq: 10 Sep 2019 11:31

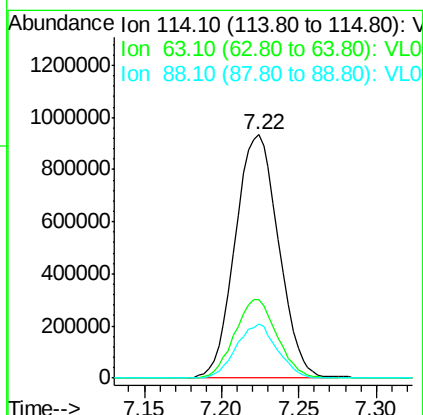
Instrument :
MSVOA_L
ClientSampleId :
VL0910ABL01

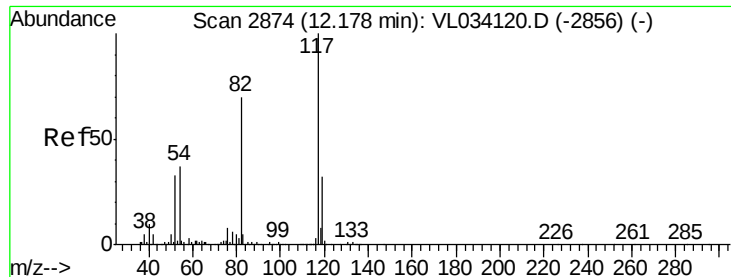
Tot Ion:	84	Resp:	14696
Ion	Ratio	Lower	Upper
84	100		
49	153.0	131.0	196.6
51	40.1	38.1	57.1
86	50.0	49.0	73.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VL034139.D
Acq: 10 Sep 2019 11:31

Tgt Ion:	114	Resp:	1818961
Ion	Ratio	Lower	Upper
114	100		
63	31.9	25.5	38.3
88	21.1	16.8	25.2

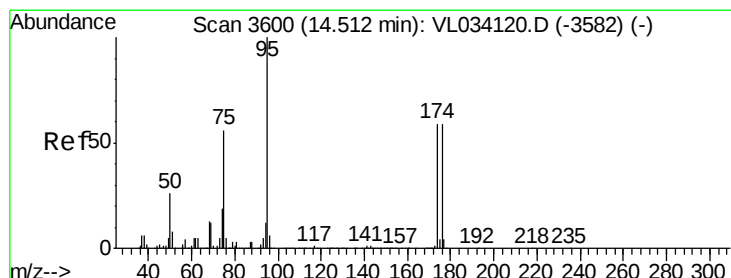
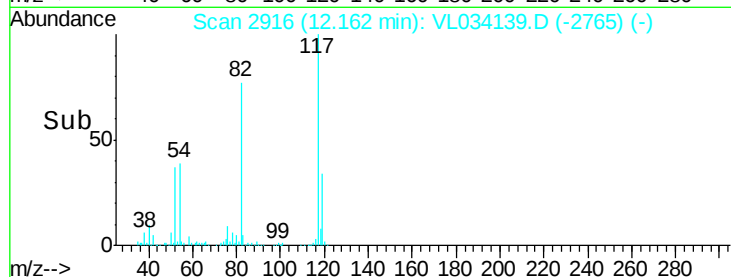
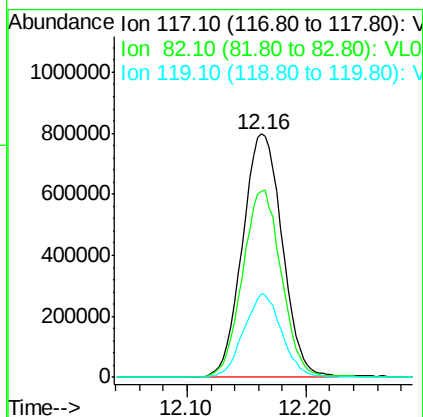
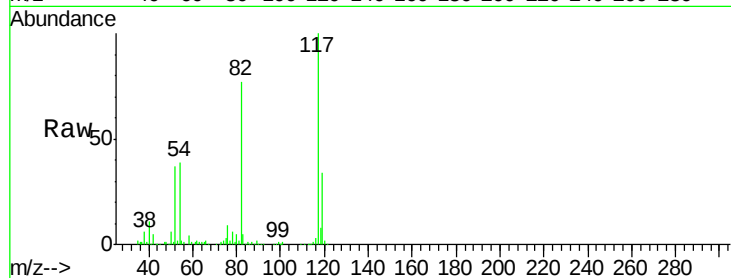




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. -0.02 min
Lab File: VL034139.D
Acq: 10 Sep 2019 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0910ABL01

Tot Ion:117 Resp: 1845217
Ion Ratio Lower Upper
117 100
82 75.7 55.8 83.6
119 32.7 43.1 64.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.518 ppbv
RT: 14.50 min Scan# 3643
Delta R.T. -0.01 min
Lab File: VL034139.D
Acq: 10 Sep 2019 11:31

Tgt Ion: 95 Resp: 1586618
Ion Ratio Lower Upper
95 100
174 60.2 48.1 72.1
175 4.2 3.5 5.3

