

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
 Data File : VL032439.D
 Acq On : 31 Aug 2018 13:13
 Operator : SY/AP
 Sample : VL0831ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABL01

Quant Time: Sep 01 02:11:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
 QLast Update : Fri Aug 31 21:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1934647	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3677412	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3647324	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2723972	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

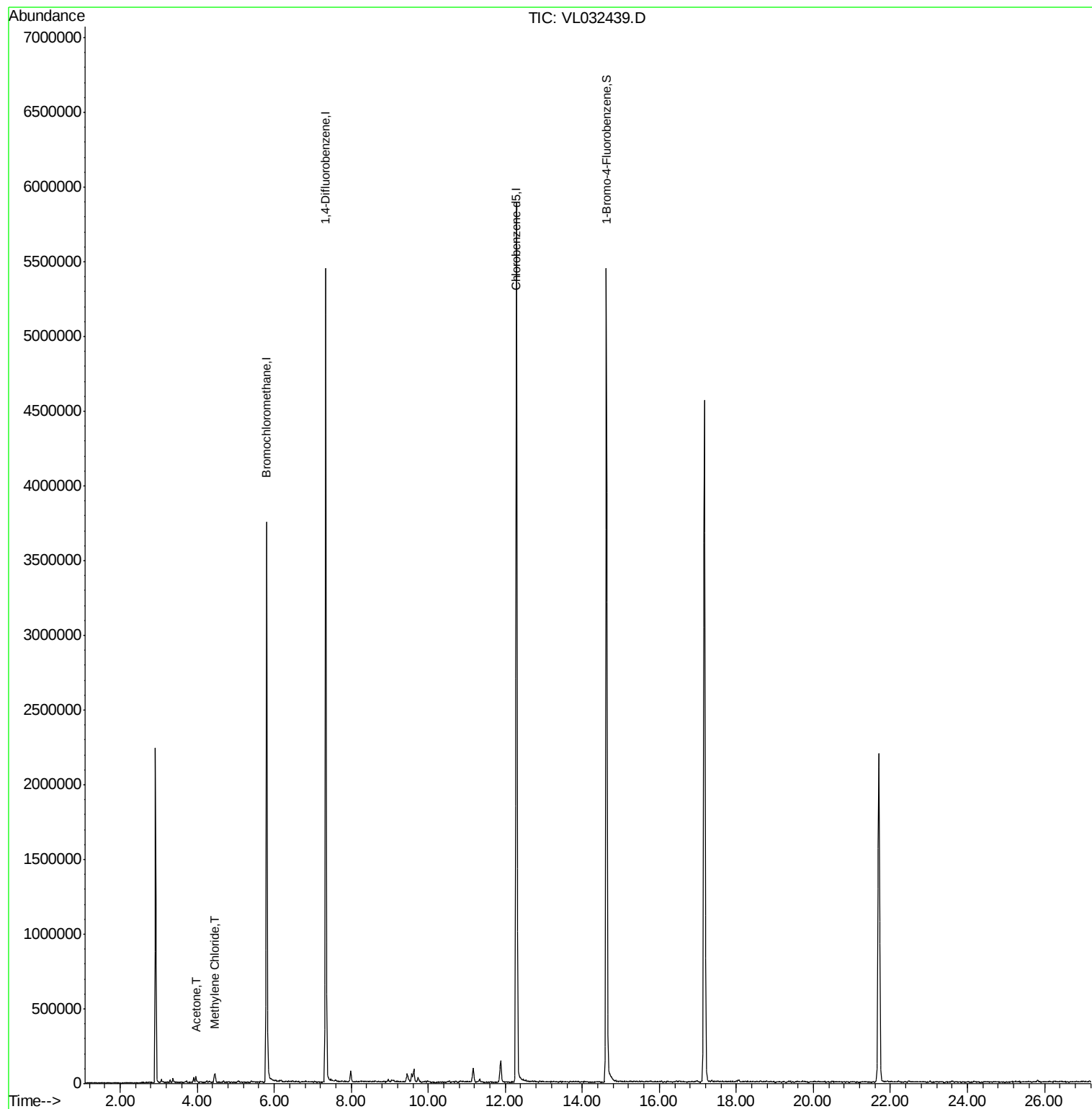
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.96	43	37160	0.213	ppbv #	89
20) Methylene Chloride	4.45	84	12902	0.194	ppbv	94

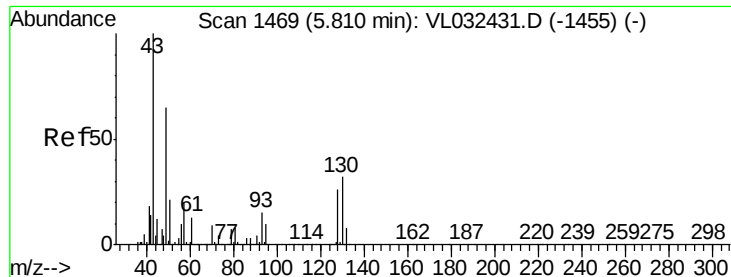
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 1467

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

VL0831ABL01

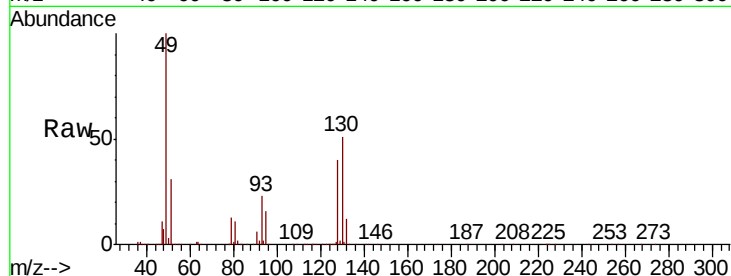
Tgt Ion: 49 Resp: 1934647

Ion Ratio Lower Upper

49 100

128 41.9 20.7 62.1

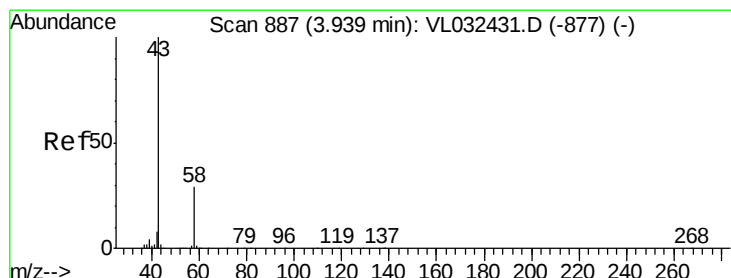
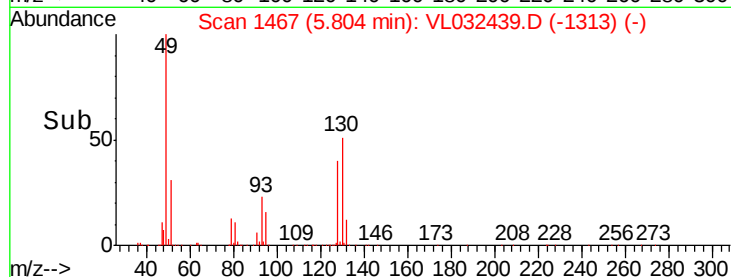
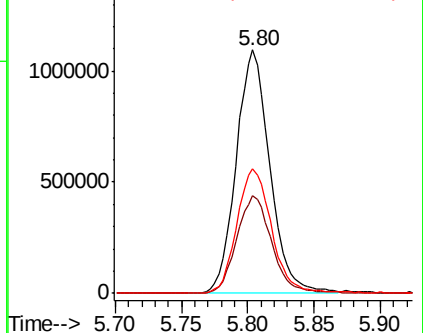
130 53.3 26.6 79.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.213 ppbv

RT: 3.96 min Scan# 895

Delta R.T. 0.03 min

Lab File: VL032439.D

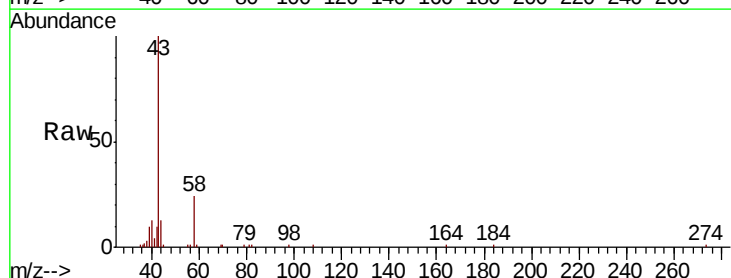
Acq: 31 Aug 2018 13:13

Tgt Ion: 43 Resp: 37160

Ion Ratio Lower Upper

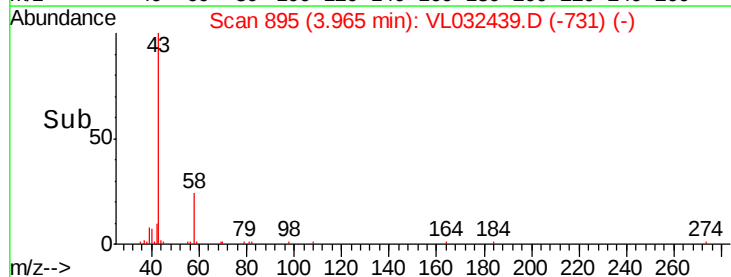
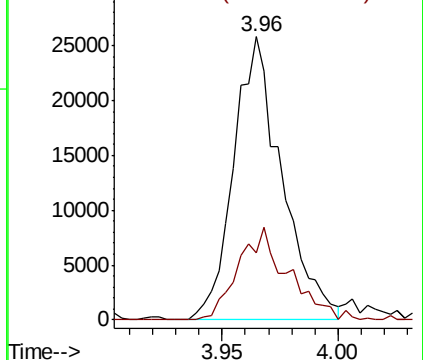
43 100

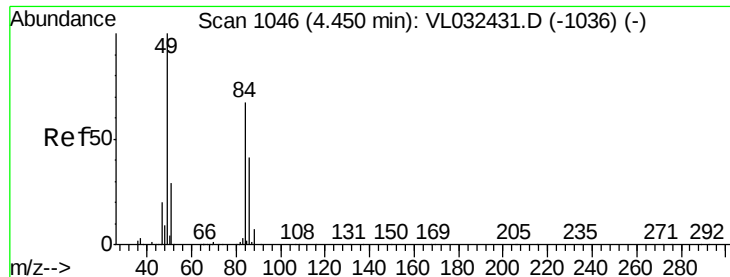
58 34.1 22.6 33.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

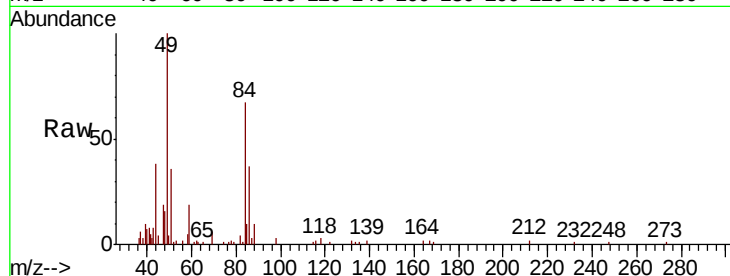




#20
Methylene Chloride
Concen: 0.194 ppbv
RT: 4.45 min Scan# 1045
Delta R.T. -0.00 min
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Instrument :
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Tgt Ion:	84	Resp:	12902
Ion	Ratio	Lower	Upper
84	100		
49	145.0	119.1	178.7
51	50.1	35.2	52.8
86	53.6	49.4	74.2



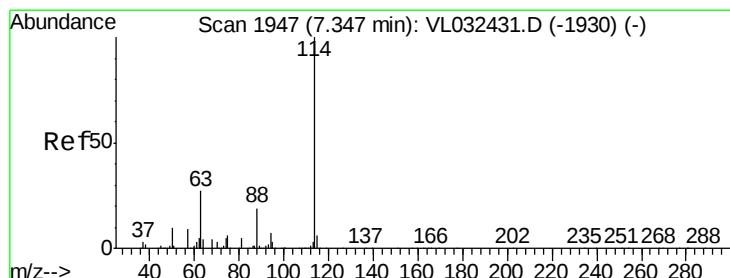
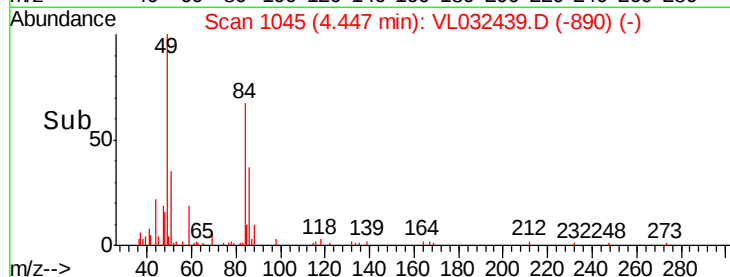
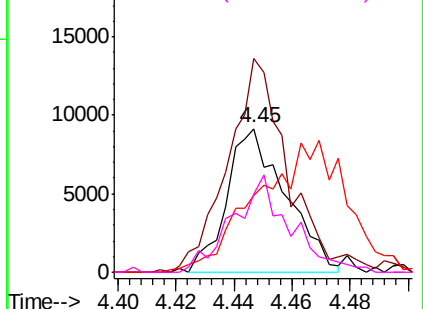
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

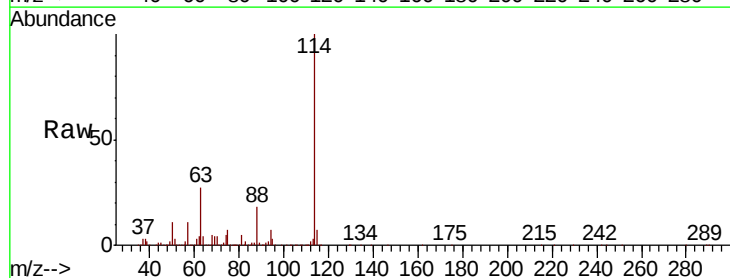
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.34 min Scan# 1944
Delta R.T. -0.01 min
Lab File: VL032439.D
Acq: 31 Aug 2018 13:13

Tgt Ion:	114	Resp:	3677412
Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.2	33.4
88	18.6	15.0	22.4

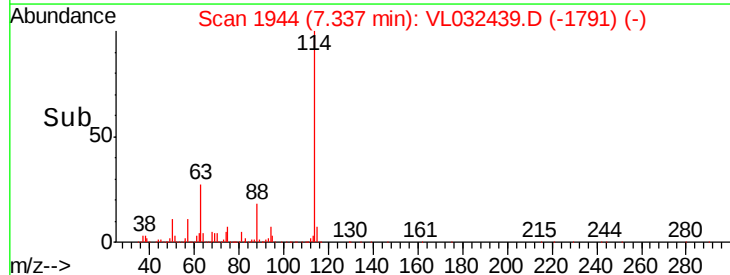
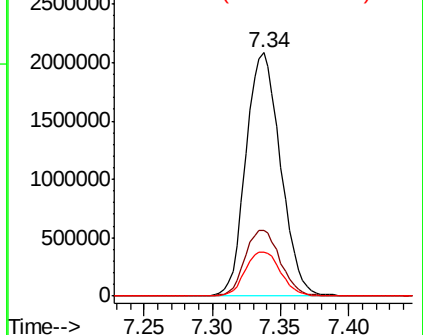


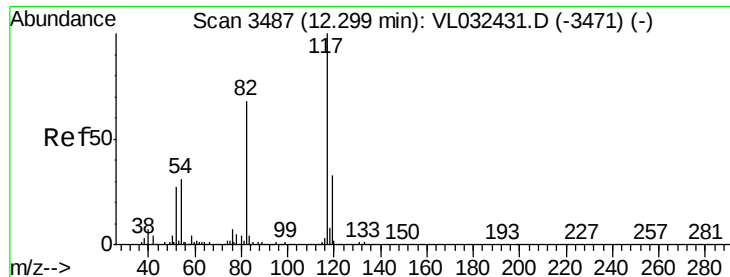
Abundance

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

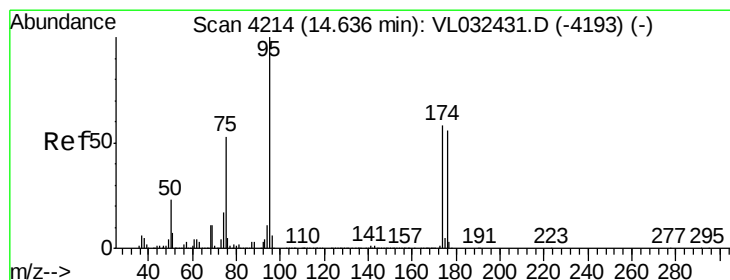
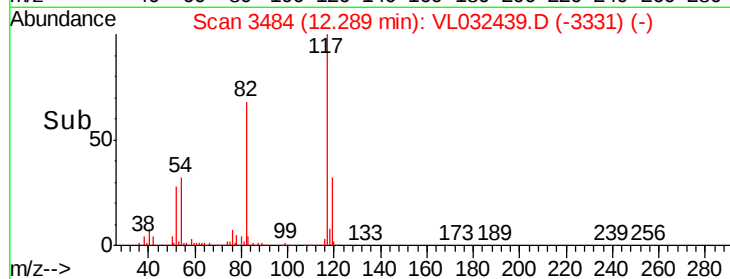
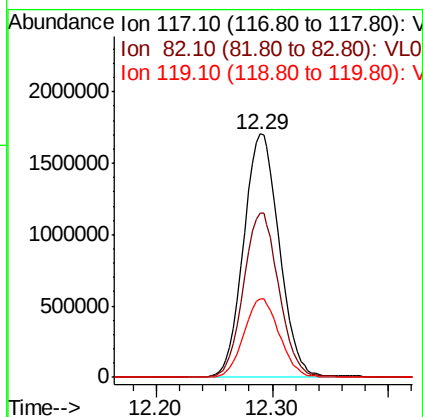
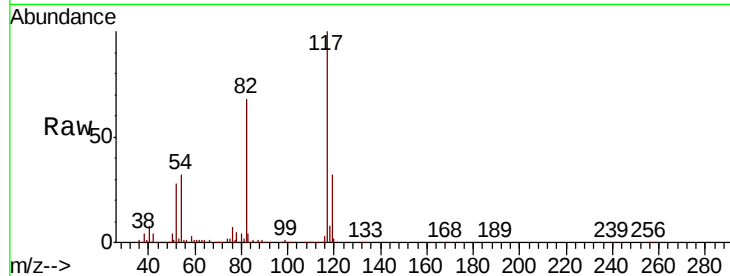




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.29 min Scan# 3484
Delta R.T. -0.01 min
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Tgt Ion: 117 Resp: 3647324
Ion Ratio Lower Upper
117 100
82 67.4 53.0 79.6
119 32.3 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.059 ppbv
RT: 14.63 min Scan# 4211
Delta R.T. -0.01 min
Lab File: VL032439.D
Acq: 31 Aug 2018 13:13

Tgt Ion: 95 Resp: 2723972
Ion Ratio Lower Upper
95 100
174 58.1 46.3 69.5
175 4.1 3.4 5.0

