

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012819\
 Data File : VL033124.D
 Acq On : 29 Jan 2019 1:51
 Operator : SY/AP
 Sample : VL0128ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0128ABL01

Quant Time: Jan 29 06:48:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012819AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jan 29 06:21:00 2019
 QLast Update : Tue Jan 29 06:21:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1140272	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2926150	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2576404	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1906123	9.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

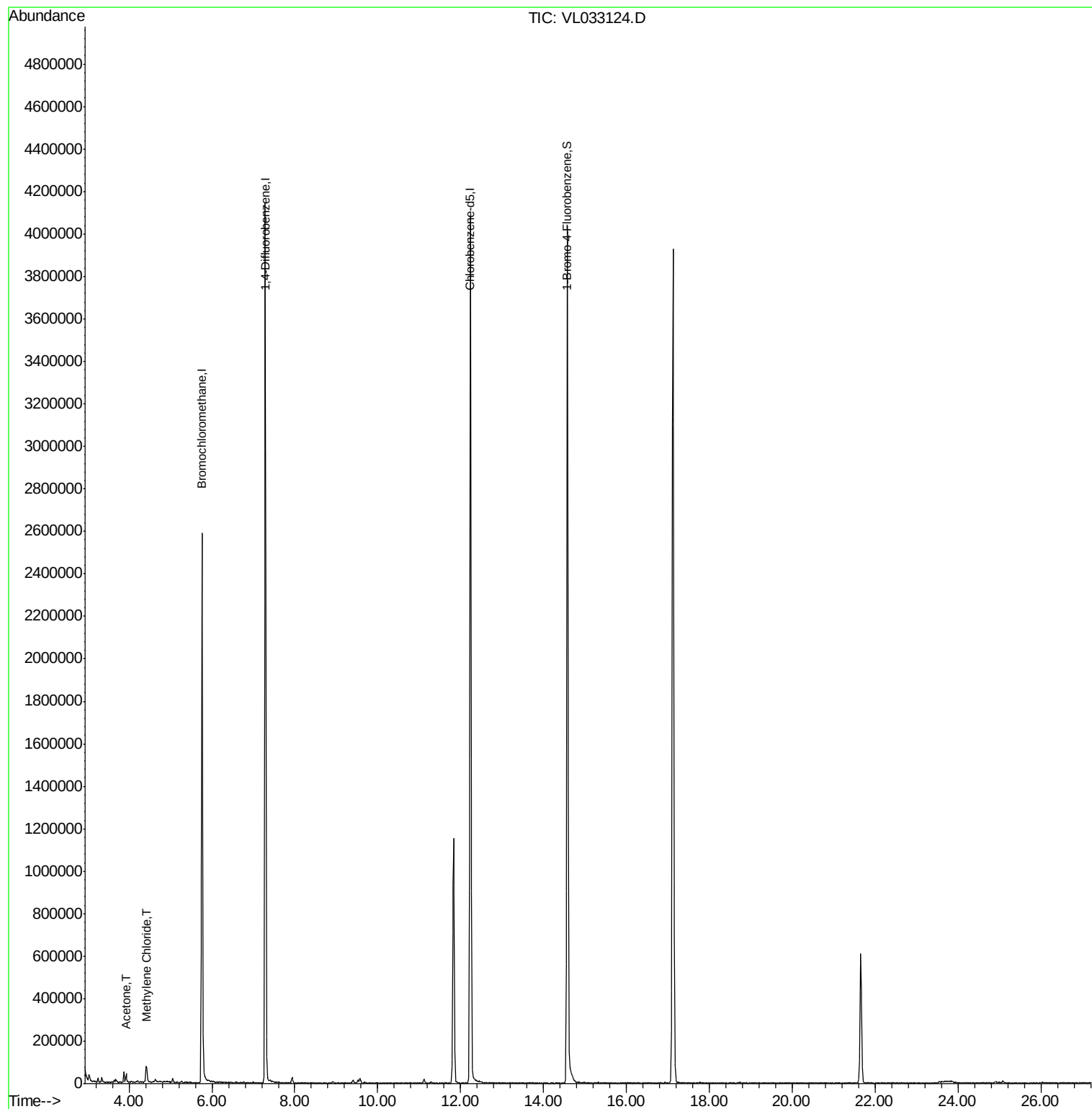
Target Compounds					Ovalue
15) Acetone	3.93	43	35221	0.229 ppbv #	87
20) Methylene Chloride	4.41	84	20117	0.288 ppbv #	83

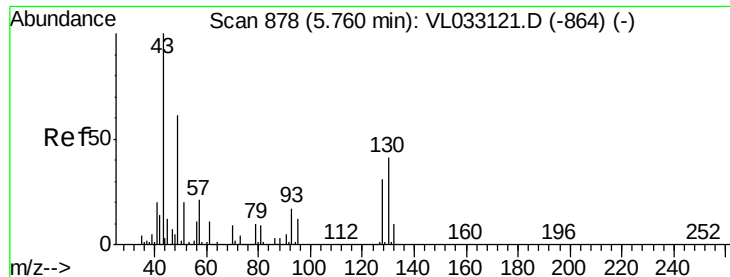
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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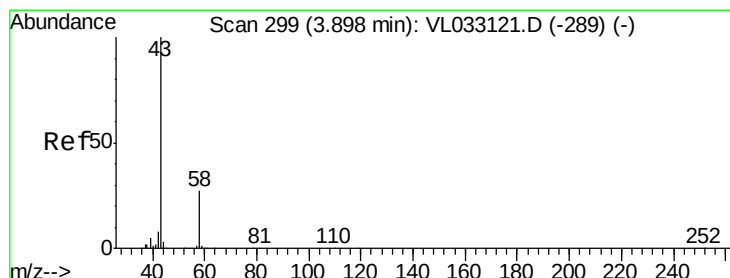
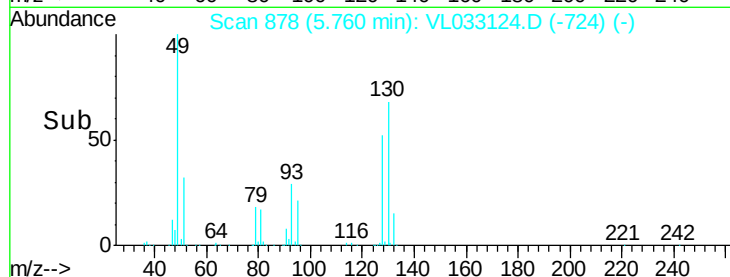
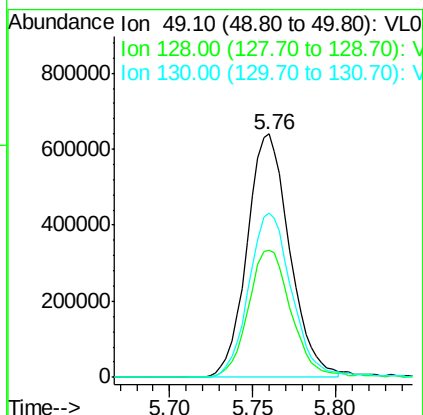
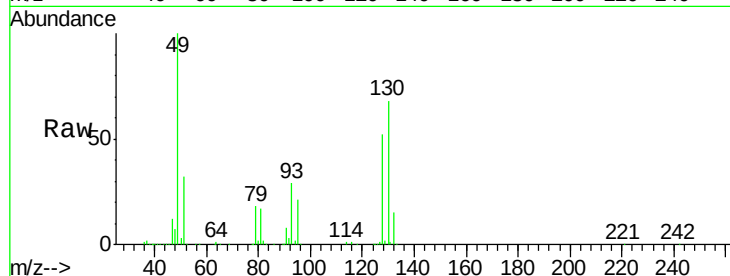




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033124.D
Acq: 29 Jan 2019 1:51

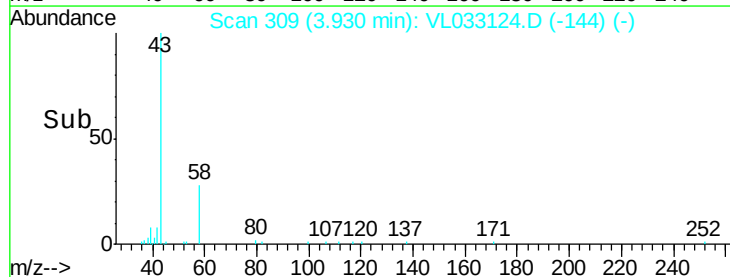
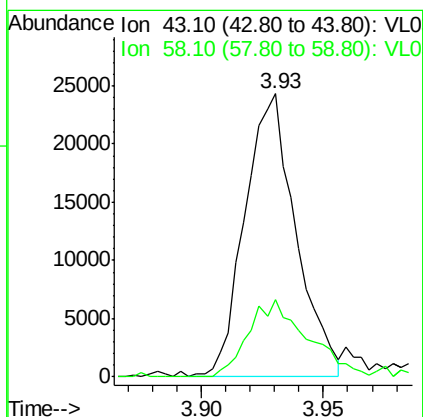
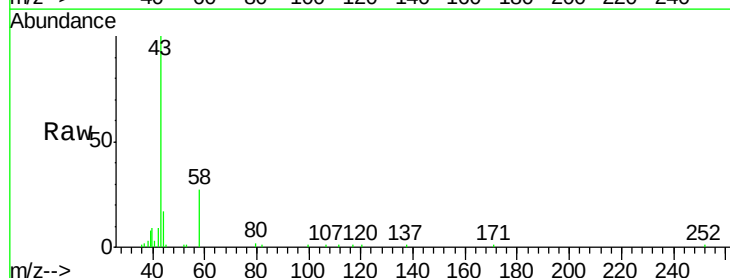
Instrument :
MSVOA_L
ClientSampleId :
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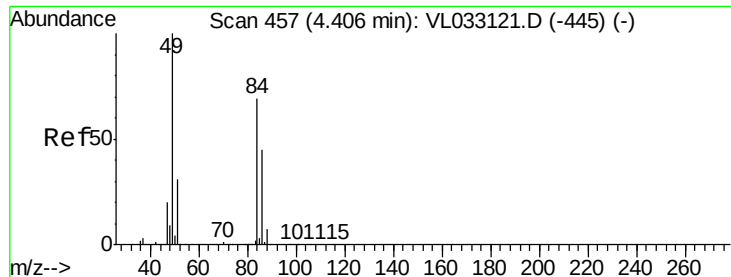
Tot Ion: 49 Resp: 1140272
Ion Ratio Lower Upper
49 100
128 53.6 25.9 77.7
130 69.6 32.9 98.7



#15
Acetone
Concen: 0.229 ppbv
RT: 3.93 min Scan# 309
Delta R.T. 0.03 min
Lab File: VL033124.D
Acq: 29 Jan 2019 1:51

Tgt Ion: 43 Resp: 35221
Ion Ratio Lower Upper
43 100
58 33.0 21.1 31.7#

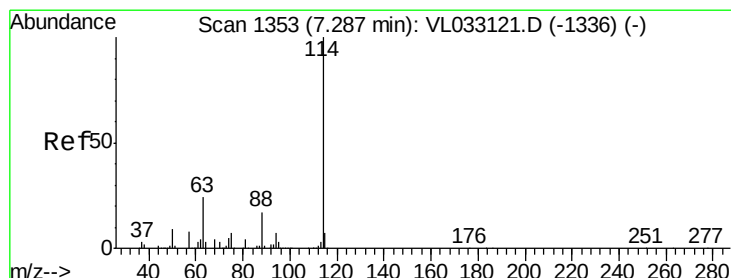
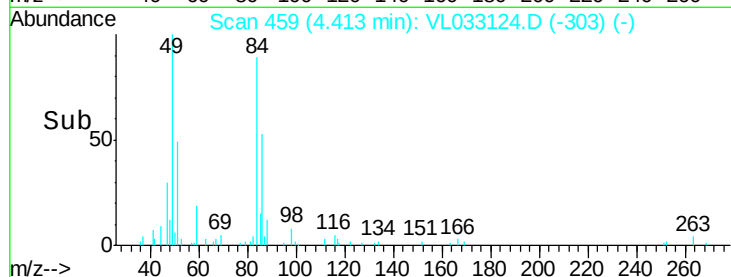
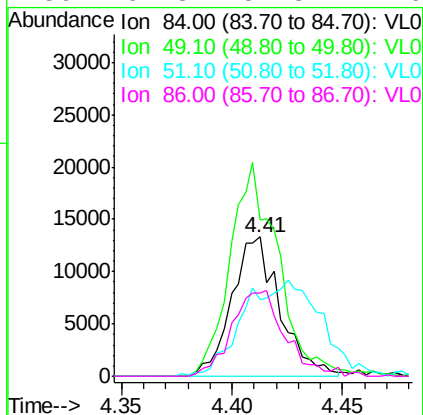
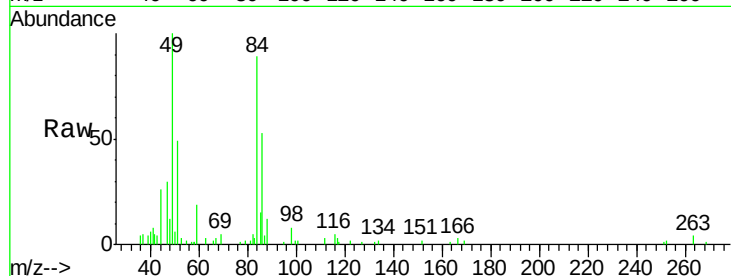




#20
Methylene Chloride
Concen: 0.288 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL033124.D
Acq: 29 Jan 2019 1:51

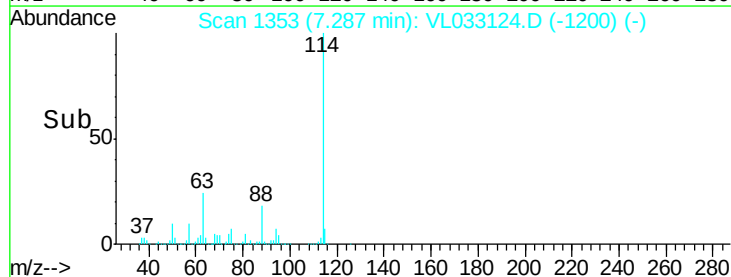
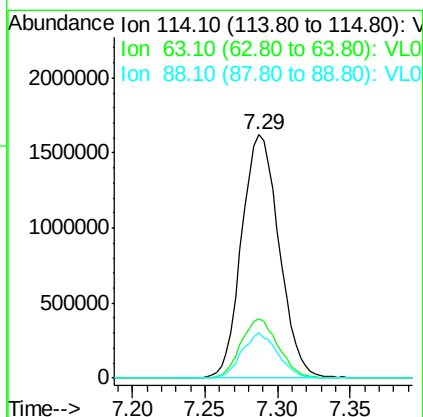
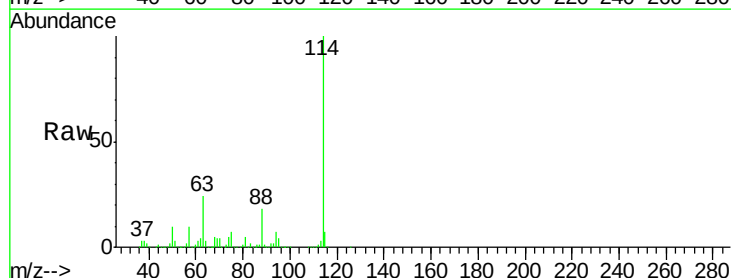
Instrument :
MSVOA_L
ClientSampleId :
VL0128ABL01

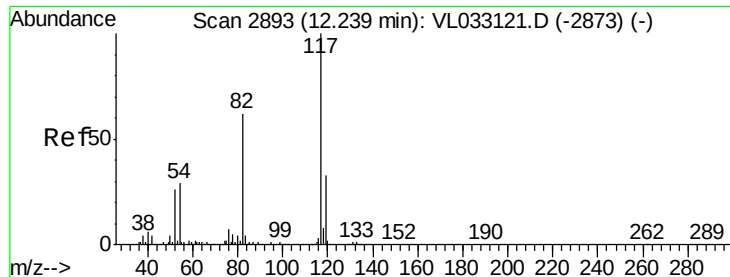
Tot Ion: 84 Resp: 20117
Ion Ratio Lower Upper
84 100
49 112.7 113.8 170.6#
51 54.4 34.5 51.7#
86 64.3 51.8 77.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033124.D
Acq: 29 Jan 2019 1:51

Tgt Ion: 114 Resp: 2926150
Ion Ratio Lower Upper
114 100
63 24.4 19.8 29.8
88 17.8 14.2 21.2

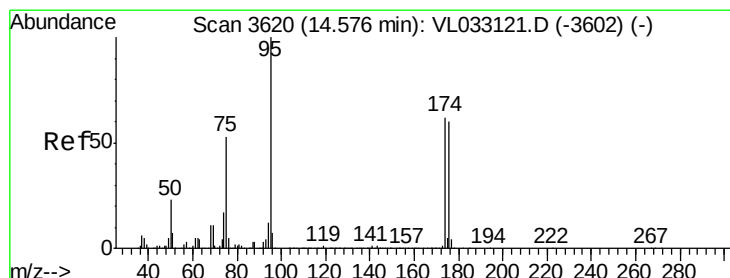
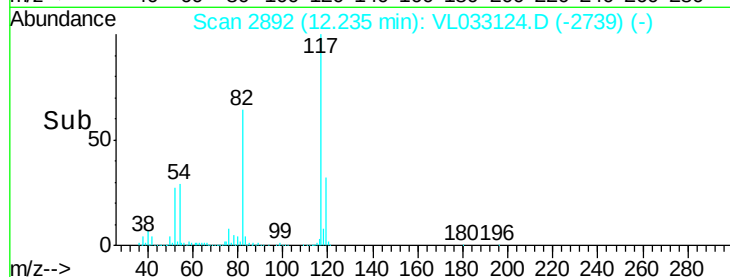
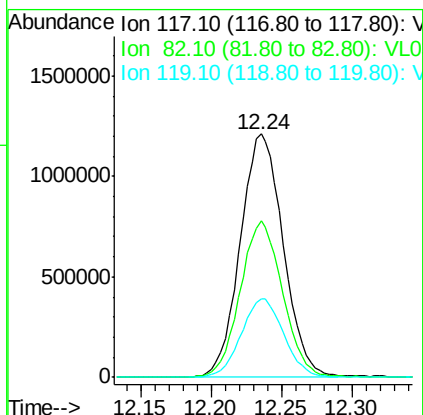
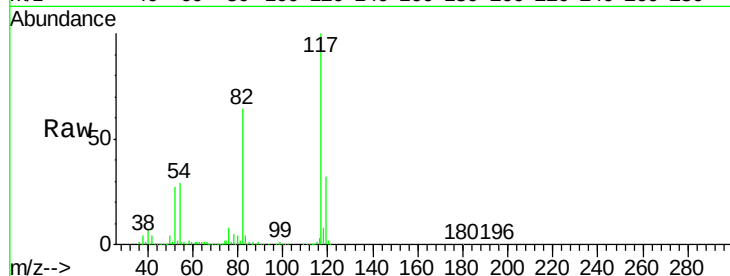




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033124.D
Acq: 29 Jan 2019 1:51

Instrument :
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ClientSampleId :
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Tot Ion:117 Resp: 2576404
Ion Ratio Lower Upper
117 100
82 63.9 48.3 72.5
119 32.5 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.780 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL033124.D
Acq: 29 Jan 2019 1:51

Tgt Ion: 95 Resp: 1906123
Ion Ratio Lower Upper
95 100
174 66.2 51.4 77.2
175 4.8 4.0 6.0

