

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032482.D
 Acq On : 10 Sep 2018 16:50
 Operator : SY/AP
 Sample : VL0910ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0910ABL01

Quant Time: Sep 11 01:16:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	1637285	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	3769594	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.28	117	3541012	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2773959	10.55	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

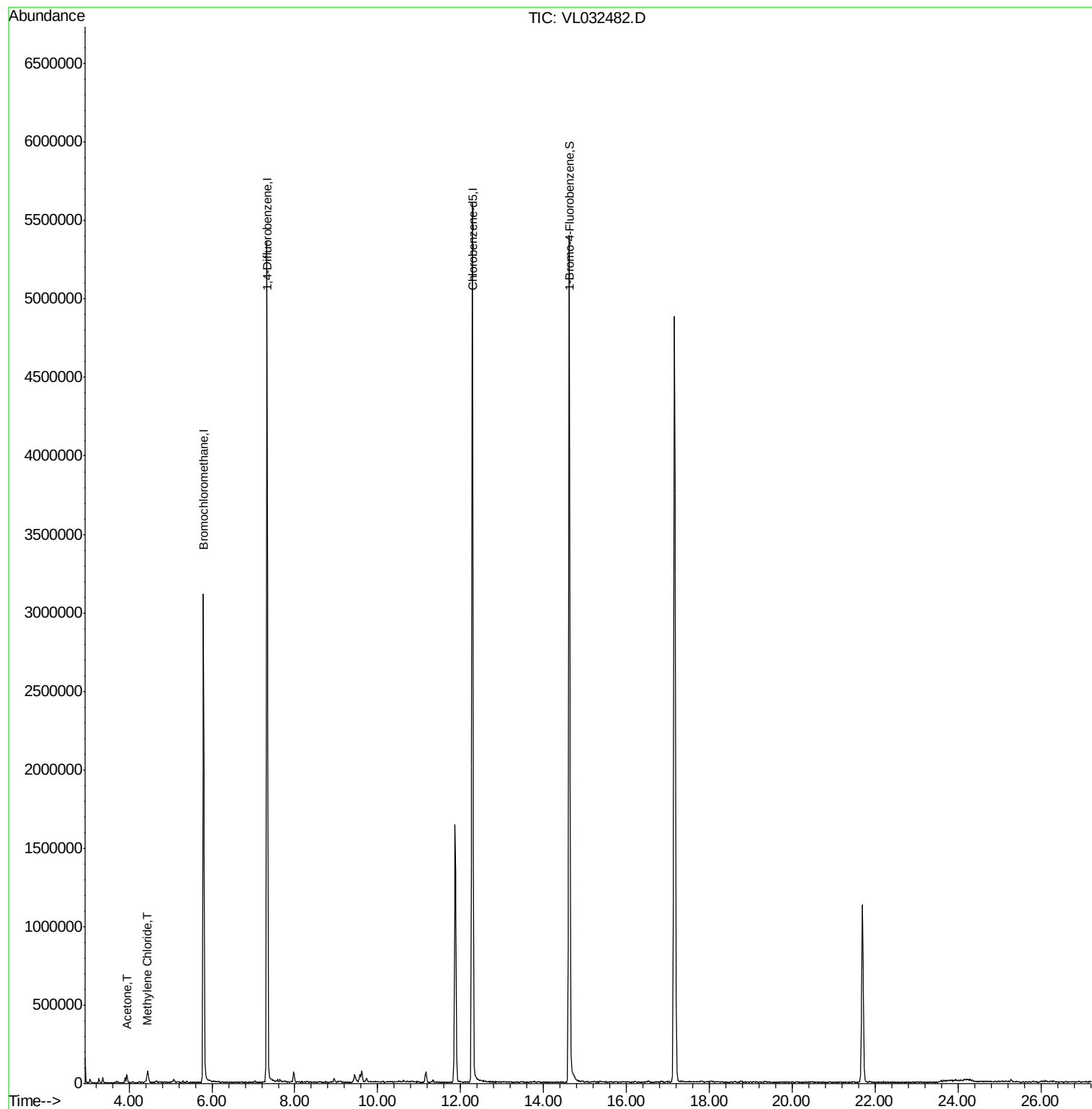
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.95	43	51818	0.35	ppbv #	84
20) Methylene Chloride	4.44	84	19386	0.34	ppbv #	92

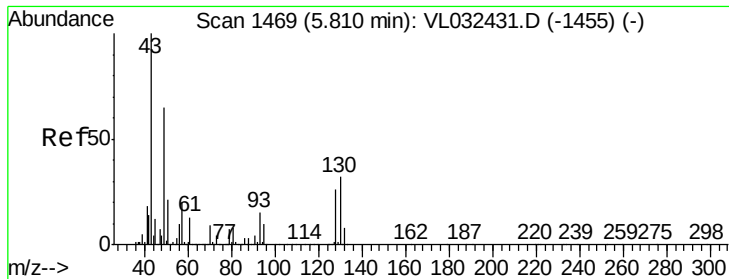
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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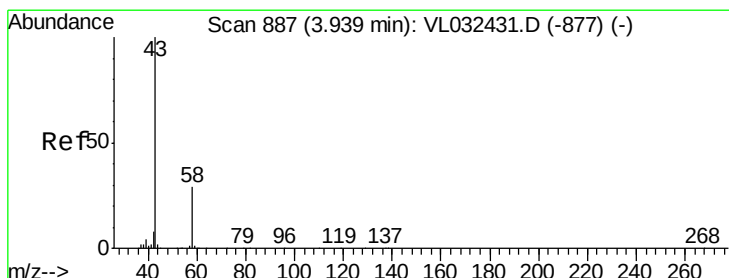
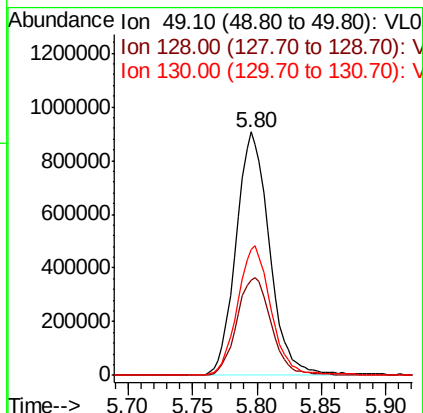
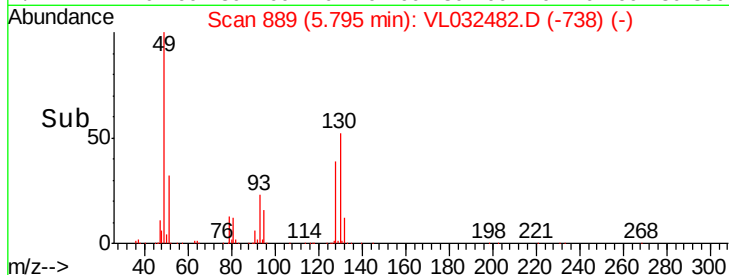
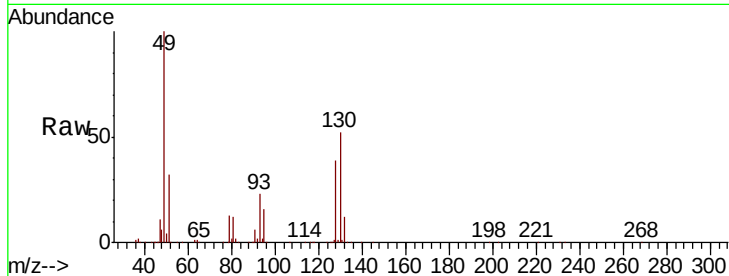




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.80 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: VL032482.D
 Acq: 10 Sep 2018 16:50

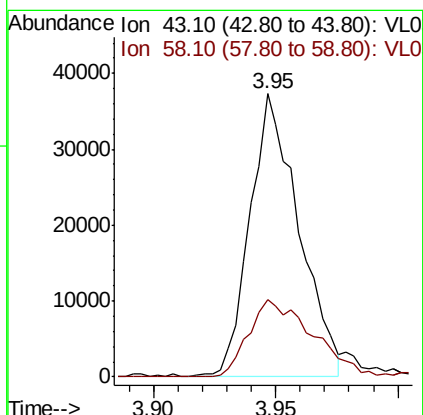
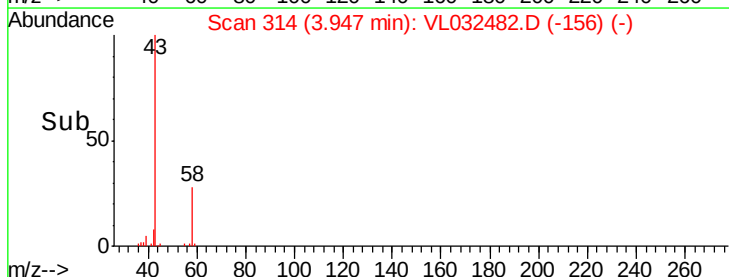
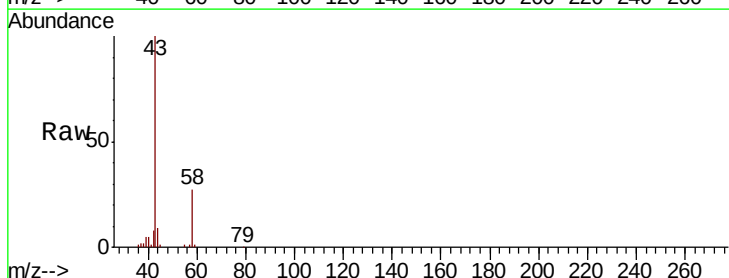
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0910ABL01

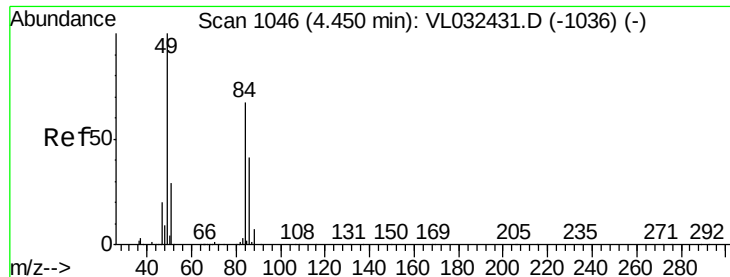
Tot Ion: 49 Resp: 1637285
 Ion Ratio Lower Upper
 49 100
 128 41.7 20.7 62.1
 130 53.9 26.6 79.7



#15
 Acetone
 Concen: 0.35 ppbv
 RT: 3.95 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VL032482.D
 Acq: 10 Sep 2018 16:50

Tgt Ion: 43 Resp: 51818
 Ion Ratio Lower Upper
 43 100
 58 36.8 22.6 33.8#

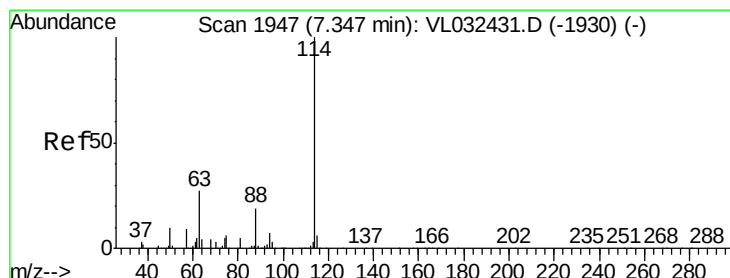
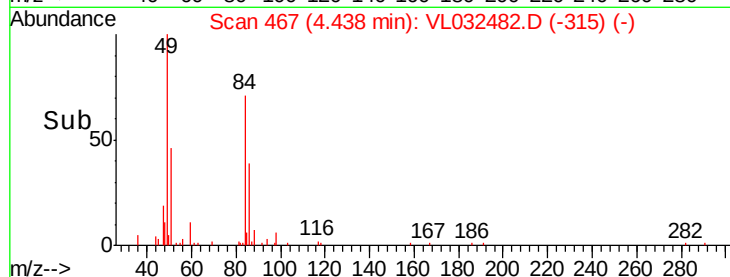
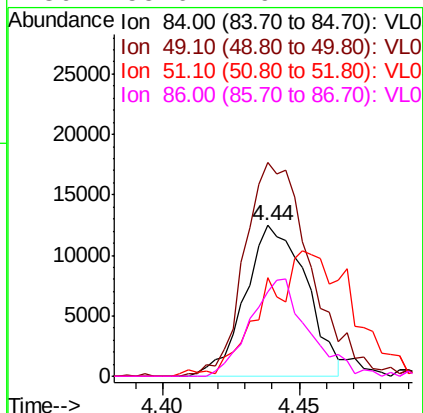
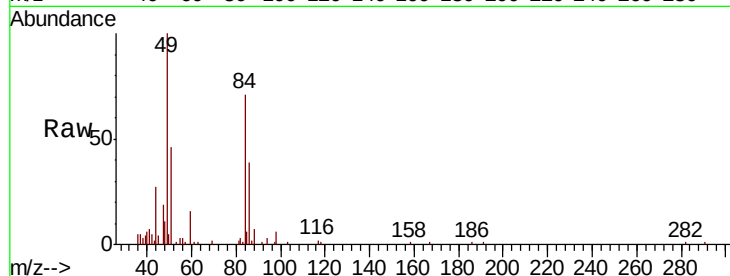




#20
Methvlene Chloride
Concen: 0.34 ppbv
RT: 4.44 min Scan# 467
Delta R.T. -0.01 min
Lab File: VL032482.D
Acq: 10 Sep 2018 16:50

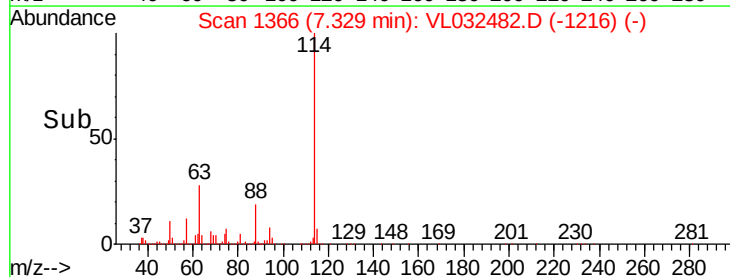
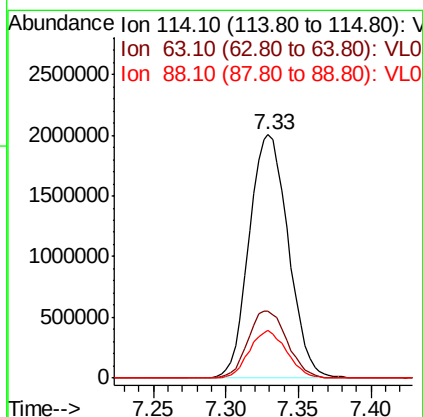
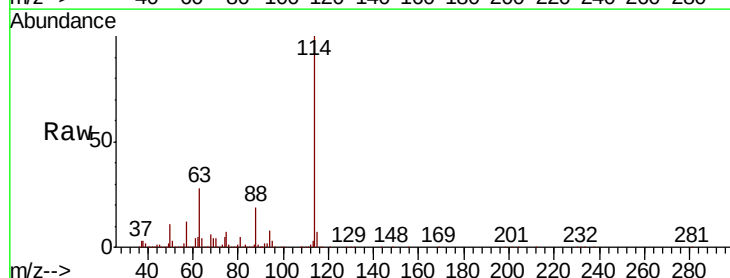
Instrument :
MSVOA_L
ClientSampleId :
VL0910ABL01

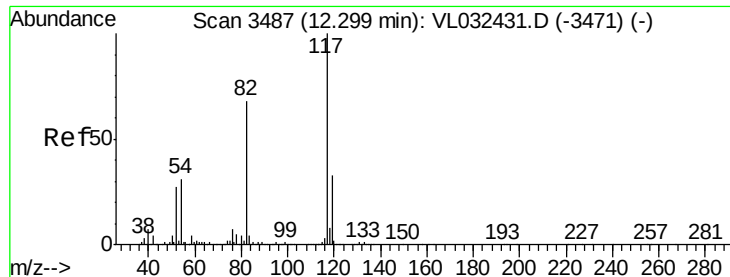
Tot Ion: 84 Resp: 19386
Ion Ratio Lower Upper
84 100
49 146.6 119.1 178.7
51 61.6 35.2 52.8#
86 55.6 49.4 74.2



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.33 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VL032482.D
Acq: 10 Sep 2018 16:50

Tgt Ion: 114 Resp: 3769594
Ion Ratio Lower Upper
114 100
63 27.7 22.2 33.4
88 18.7 15.0 22.4

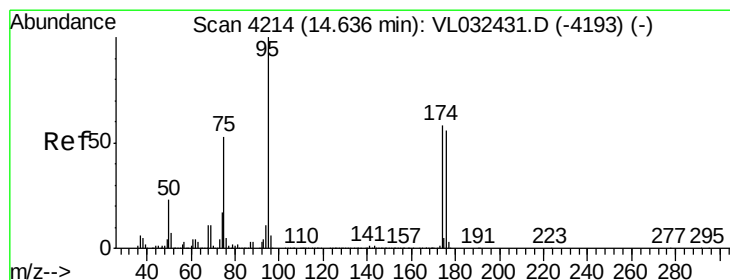
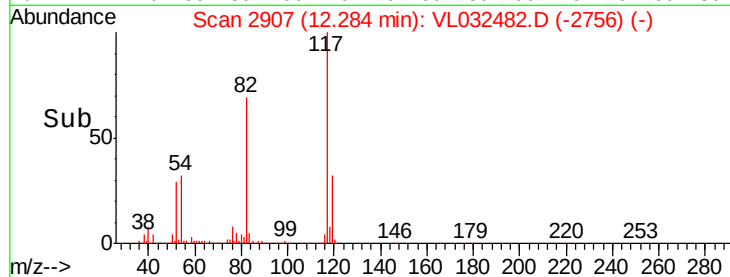
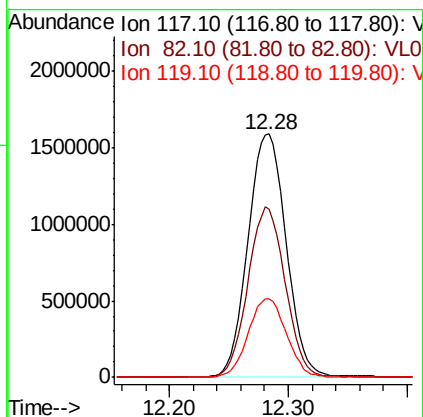
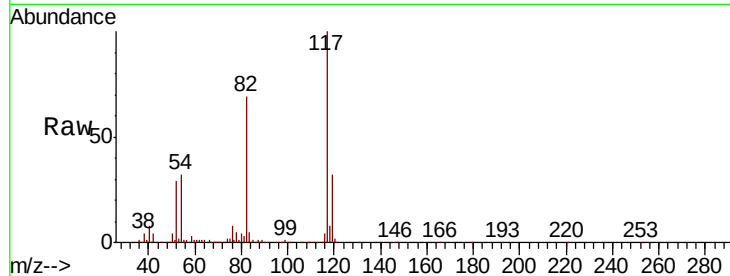




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL032482.D
Acq: 10 Sep 2018 16:50

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion:117 Resp: 3541012
Ion Ratio Lower Upper
117 100
82 68.9 53.0 79.6
119 32.7 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.55 ppbv
RT: 14.62 min Scan# 3634
Delta R.T. -0.01 min
Lab File: VL032482.D
Acq: 10 Sep 2018 16:50

Tgt Ion: 95 Resp: 2773959
Ion Ratio Lower Upper
95 100
174 57.7 46.3 69.5
175 4.3 3.4 5.0

