

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
 Data File : VL032255.D
 Acq On : 13 Jul 2018 21:27
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 14 03:19:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1509113	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3403145	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3784535	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2984359	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

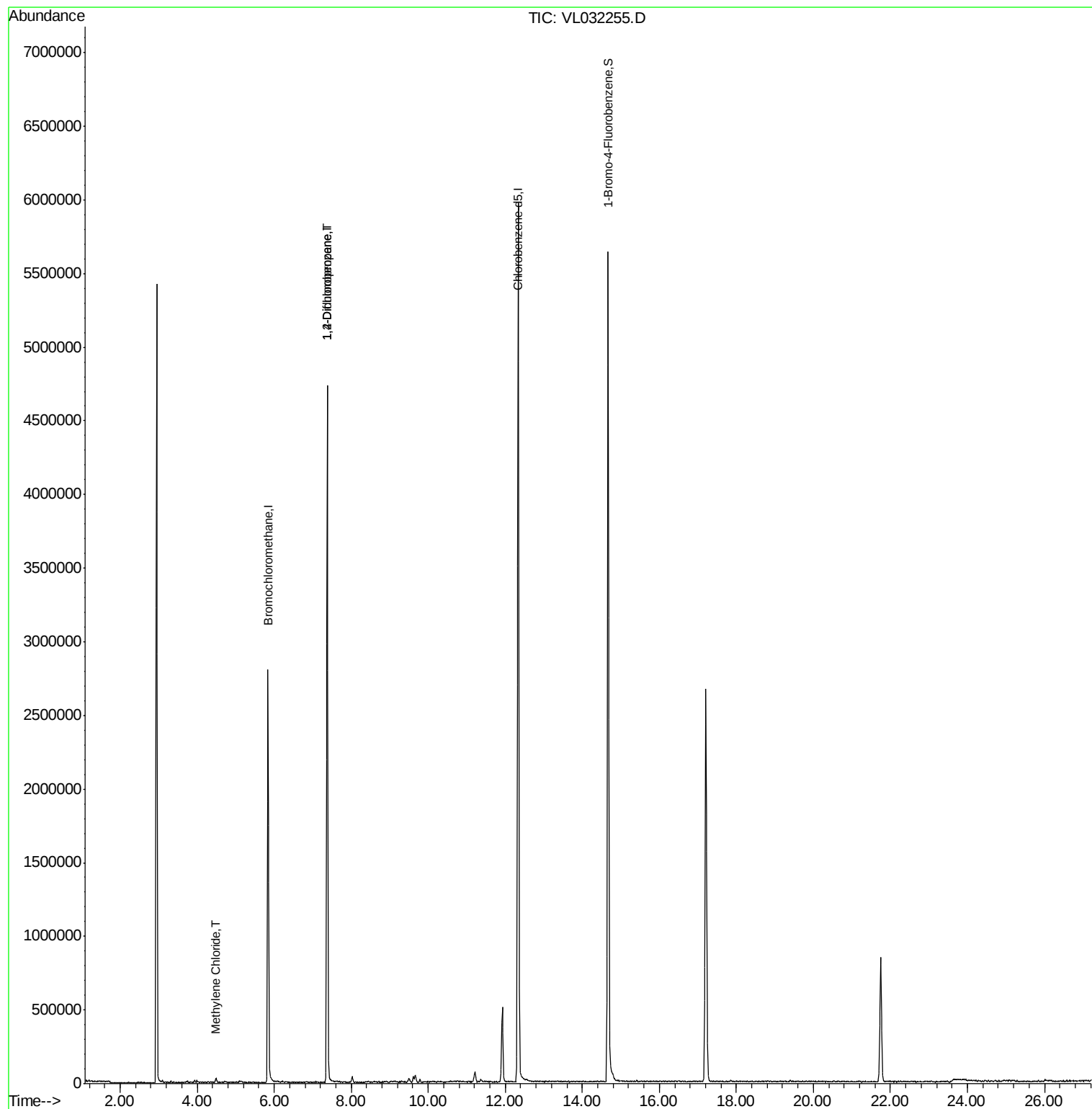
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.49	84	8283	0.140	ppbv #	65
39) 1,2-Dichloropropane	7.38	63	944992	7.031	ppbv #	27

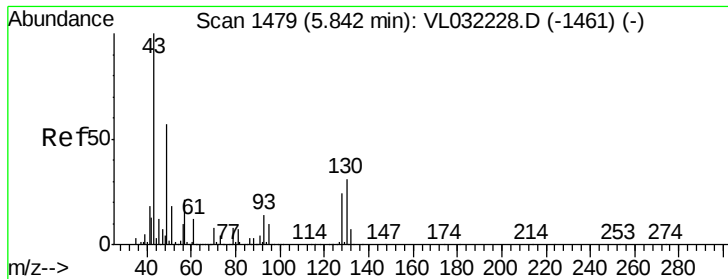
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VL032255.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

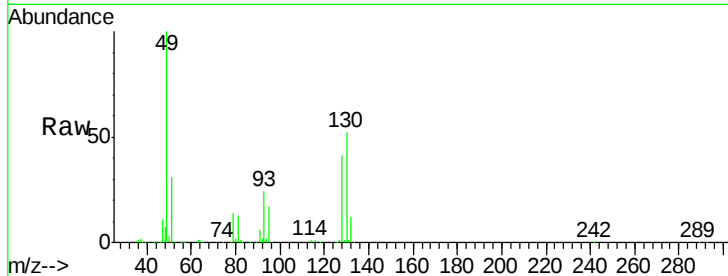
Tgt Ion: 49 Resp: 1509113

Ion Ratio Lower Upper

49 100

128 41.4 20.9 62.8

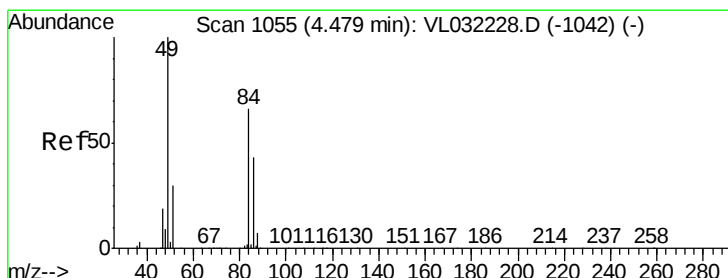
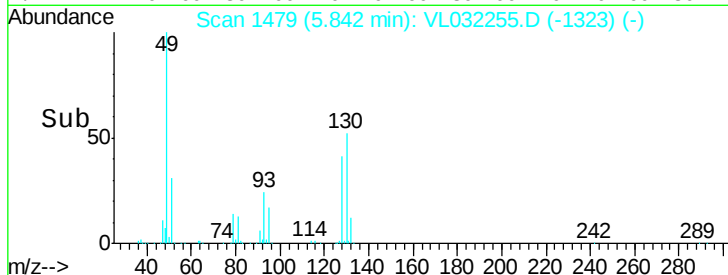
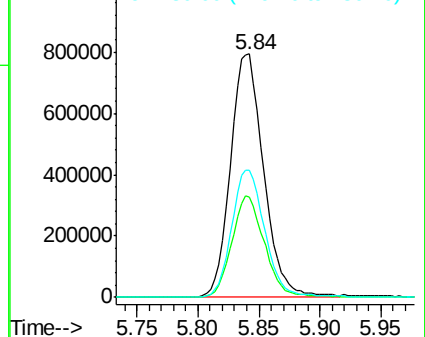
130 52.4 27.0 81.0



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



#20

Methylene Chloride

Concen: 0.140 ppbv

RT: 4.49 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VL032255.D

Acq: 13 Jul 2018 21:27

Tgt Ion: 84 Resp: 8283

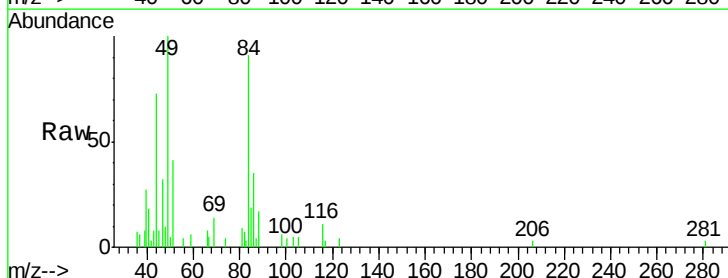
Ion Ratio Lower Upper

84 100

49 98.2 121.8 182.6#

51 45.2 36.3 54.5

86 32.6 52.1 78.1#

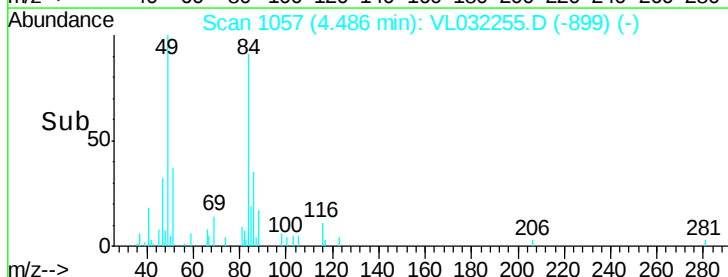
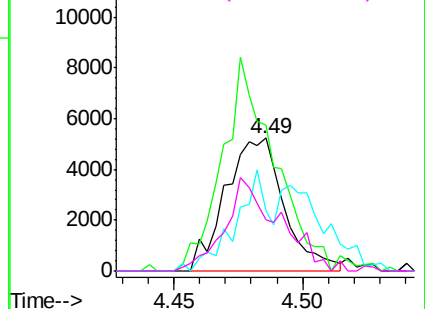


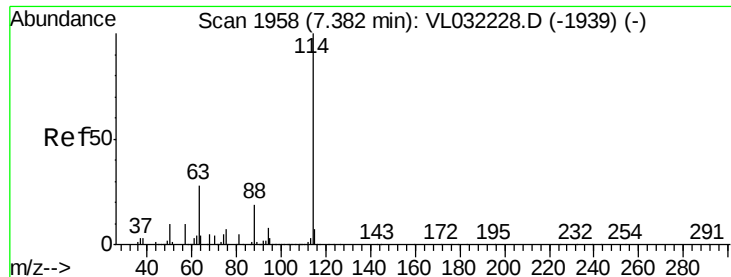
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

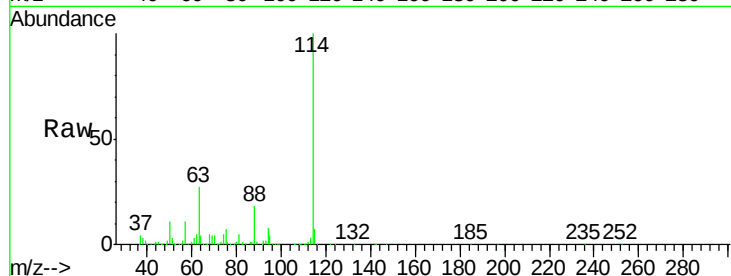




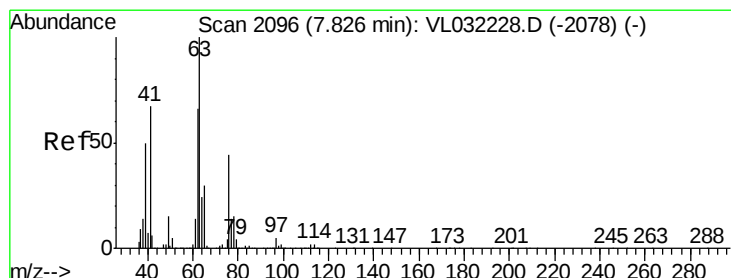
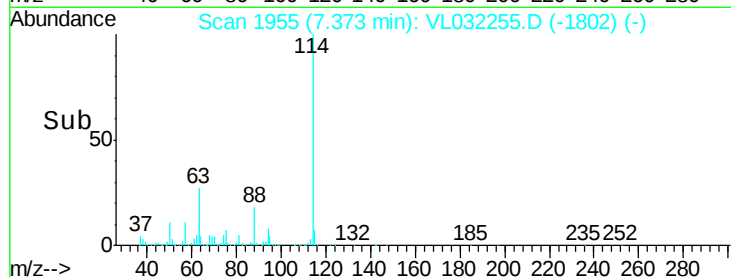
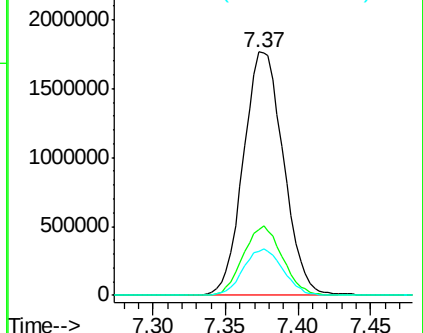
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.37 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: VL032255.D
 Acq: 13 Jul 2018 21:27

Instrument :
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 ClientSampleId :
 VIBLK

Tgt Ion: 114 Resp: 3403145
 Ion Ratio Lower Upper
 114 100
 63 27.9 22.5 33.7
 88 18.9 15.4 23.0

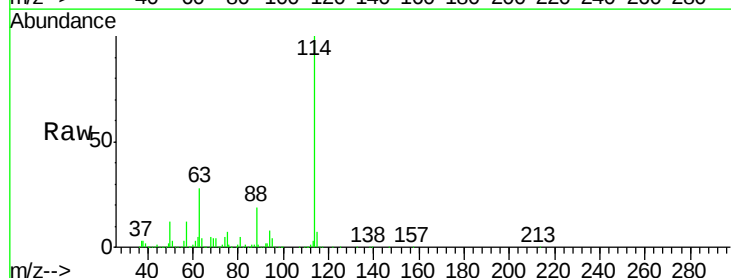


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

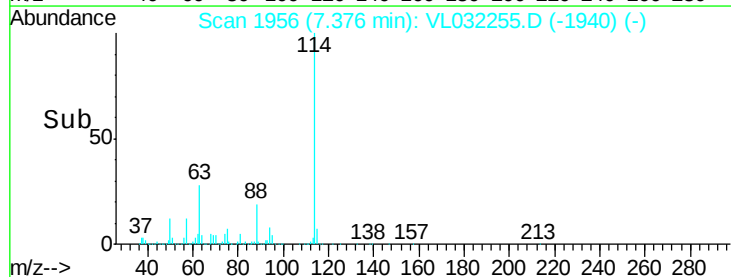
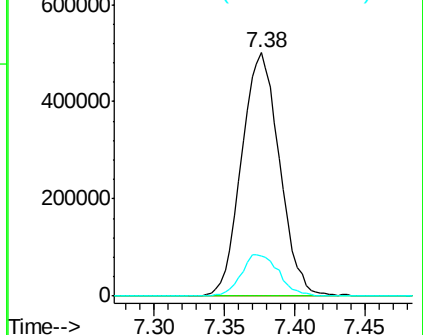


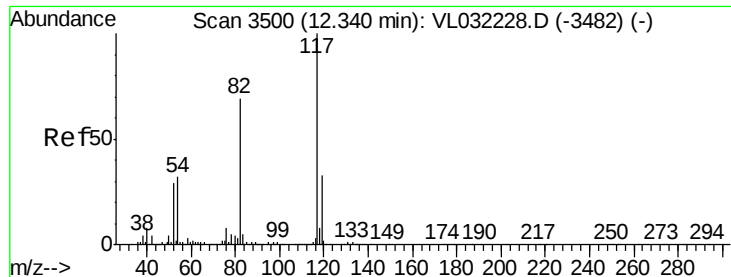
#39
 1,2-Dichloropropane
 Concen: 7.031 ppbv
 RT: 7.38 min Scan# 1956
 Delta R.T. -0.45 min
 Lab File: VL032255.D
 Acq: 13 Jul 2018 21:27

Tgt Ion: 63 Resp: 944992
 Ion Ratio Lower Upper
 63 100
 41 0.1 53.8 80.6#
 62 16.5 53.1 79.7#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

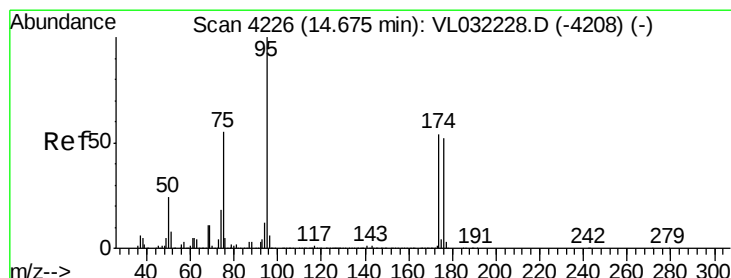
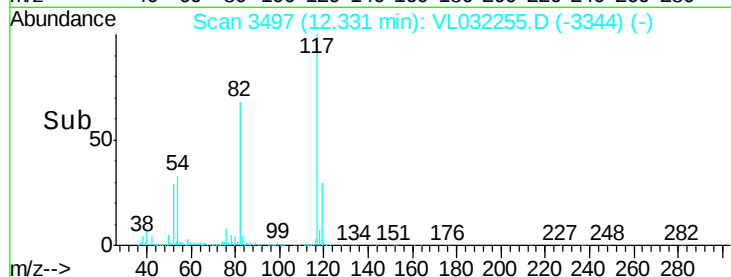
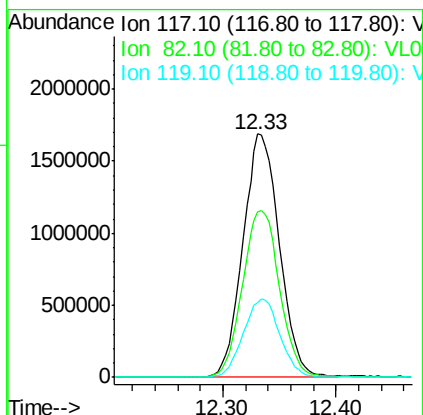
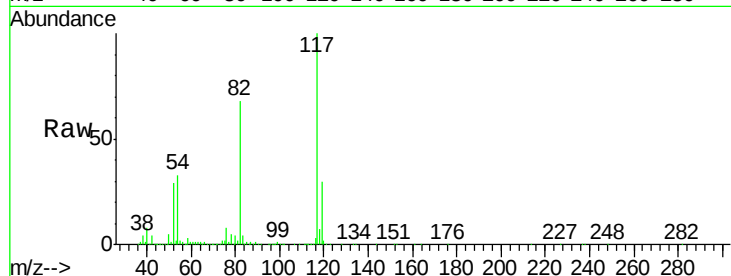




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3497
Delta R.T. -0.01 min
Lab File: VL032255.D
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Tgt Ion: 117 Resp: 3784535
Ion Ratio Lower Upper
117 100
82 70.4 53.2 79.8
119 32.5 43.9 65.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.187 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.00 min
Lab File: VL032255.D
Acq: 13 Jul 2018 21:27

Tgt Ion: 95 Resp: 2984359
Ion Ratio Lower Upper
95 100
174 55.2 44.6 67.0
175 4.1 3.3 4.9

