

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
 Data File : VL031968.D
 Acq On : 3 May 2018 17:12
 Operator : SY/AP
 Sample : VL0503ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0503ABL01

Quant Time: May 04 03:46:34 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL050318AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 03 15:52:13 2018
 QLast Update : Thu May 03 15:52:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.88	49	1317569	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	3342438	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2699464	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	2135203	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

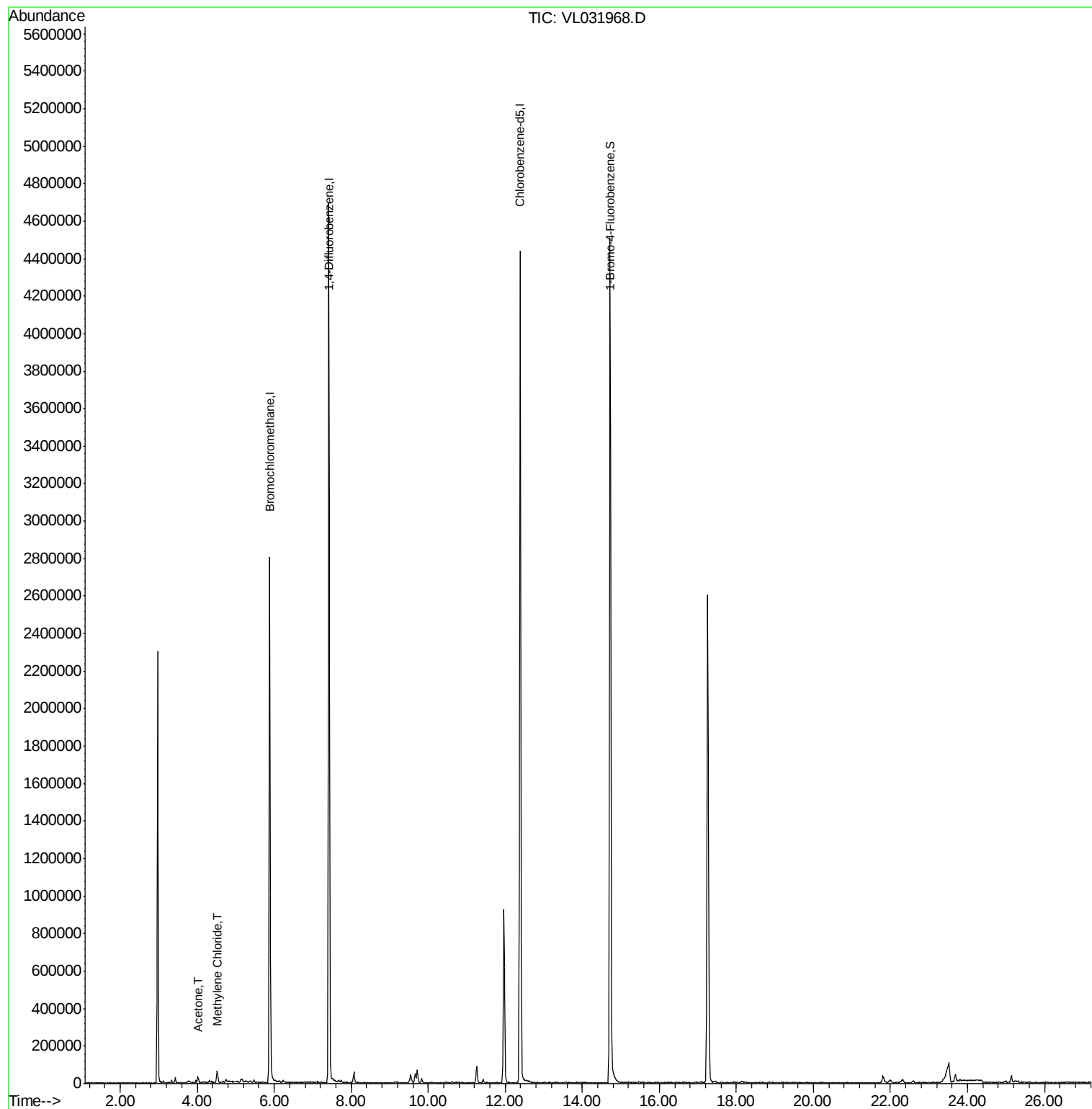
Target Compounds					Ovalue
15) Acetone	4.02	43	33519	0.18 ppbv #	86
20) Methylene Chloride	4.51	84	17959	0.29 ppbv #	79

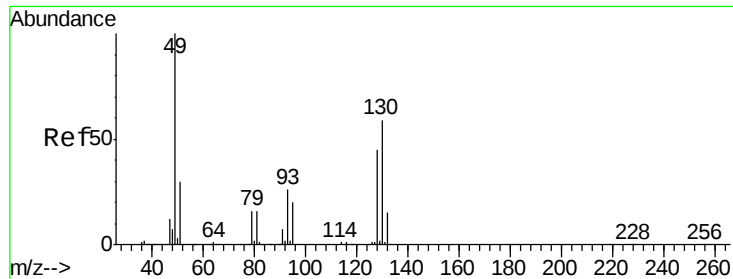
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.88 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VL031968.D

Acq: 3 May 2018 17:12

Instrument :

MSVOA_L

ClientSampleId :

VL0503ABL01

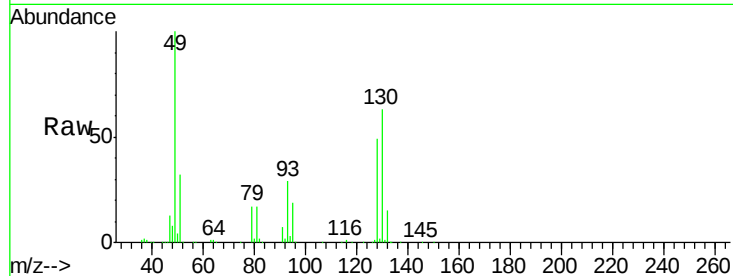
Tot Ion: 49 Resp: 1317569

Ion	Ratio	Lower	Upper
49	100		
128	49.3	24.1	72.3
130	63.2	30.7	92.1

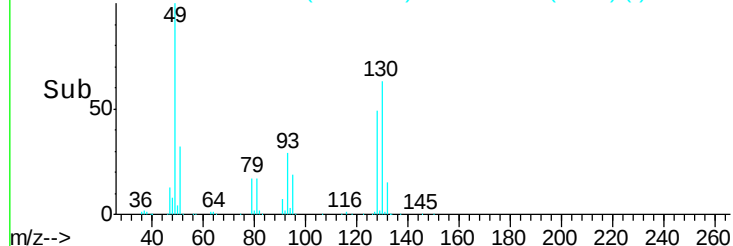
49 100

128 49.3 24.1 72.3

130 63.2 30.7 92.1



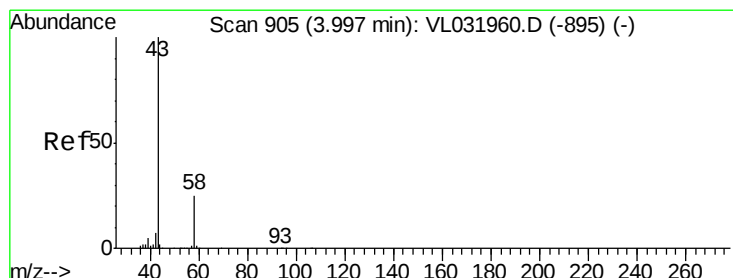
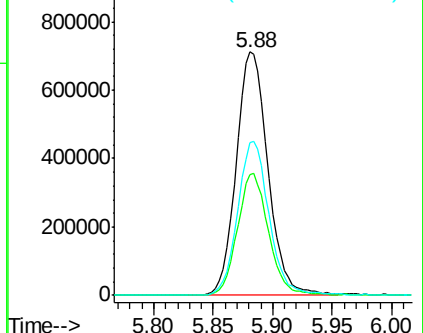
Scan 1491 (5.881 min): VL031968.D (-1336) (-)



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: 0.18 ppbv

RT: 4.02 min Scan# 913

Delta R.T. 0.03 min

Lab File: VL031968.D

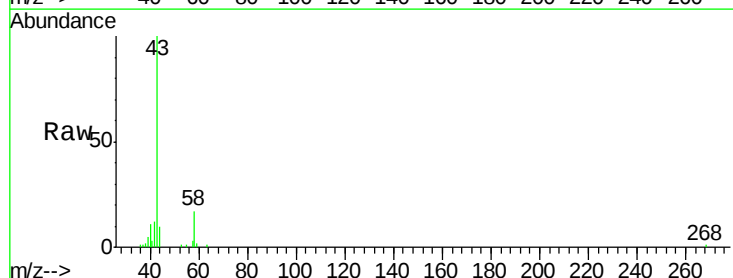
Acq: 3 May 2018 17:12

Tgt Ion: 43 Resp: 33519

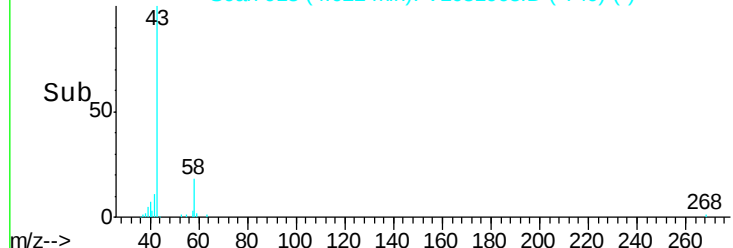
Ion	Ratio	Lower	Upper
43	100		
58	33.7	21.1	31.7#

43 100

58 33.7 21.1 31.7#

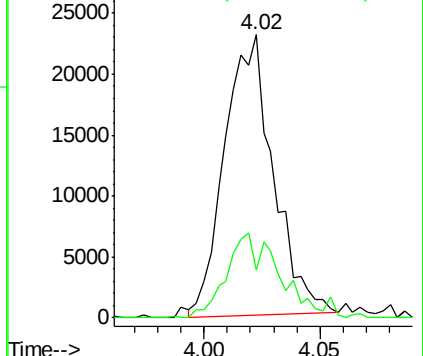


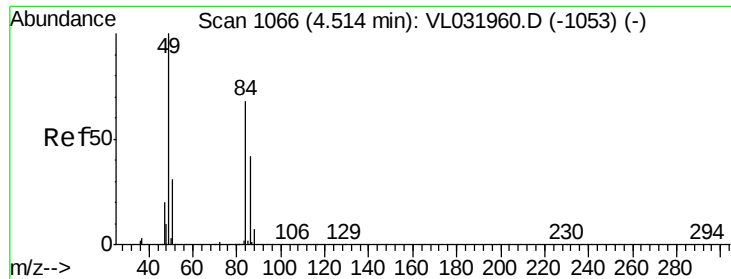
Scan 913 (4.022 min): VL031968.D (-749) (-)



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

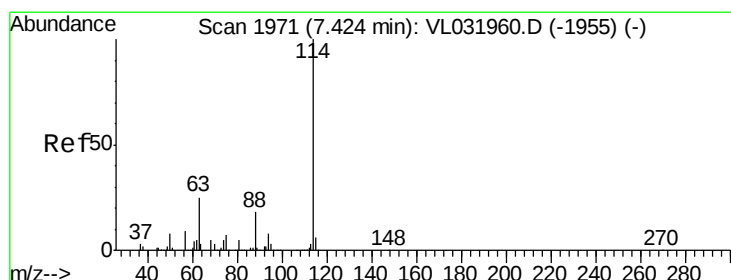
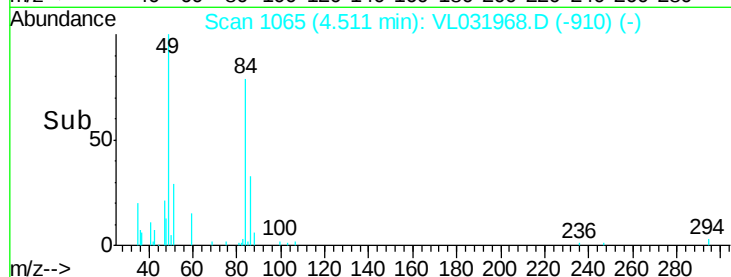
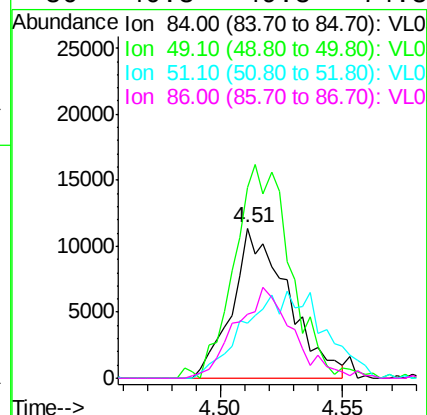
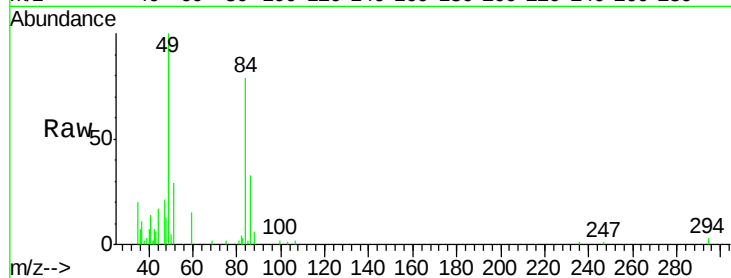




#20
Methvlene Chloride
Concen: 0.29 ppbv
RT: 4.51 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VL031968.D
Acq: 3 May 2018 17:12

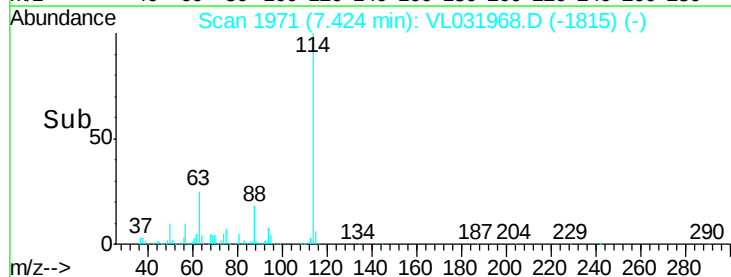
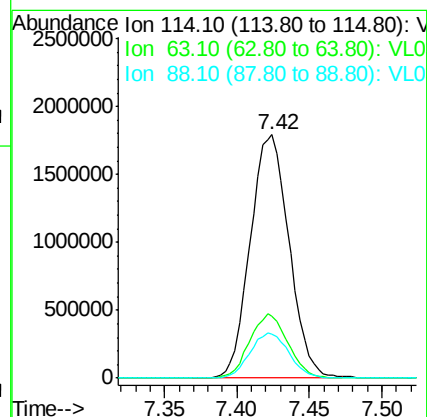
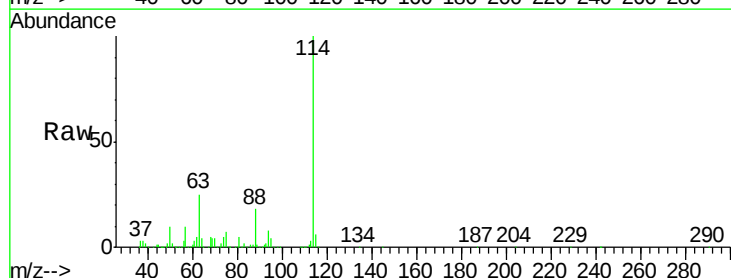
Instrument :
MSVOA_L
ClientSampleId :
VL0503ABL01

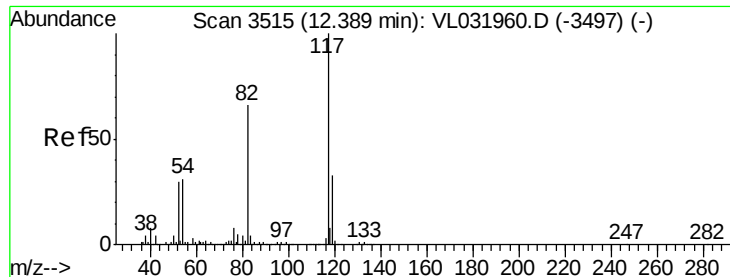
Tot Ion: 84 Resp: 17959
Ion Ratio Lower Upper
84 100
49 122.5 118.6 178.0
51 37.1 36.6 54.8
86 40.3 49.8 74.8#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VL031968.D
Acq: 3 May 2018 17:12

Tgt Ion: 114 Resp: 3342438
Ion Ratio Lower Upper
114 100
63 26.1 20.8 31.2
88 18.7 14.6 21.8

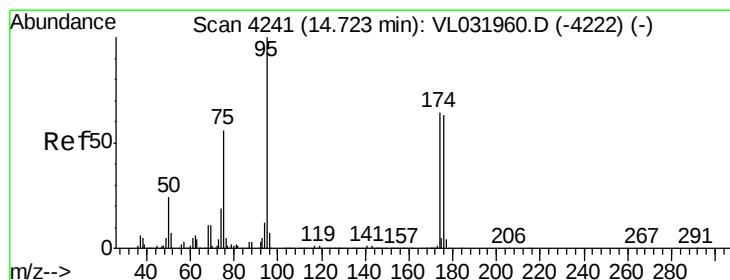
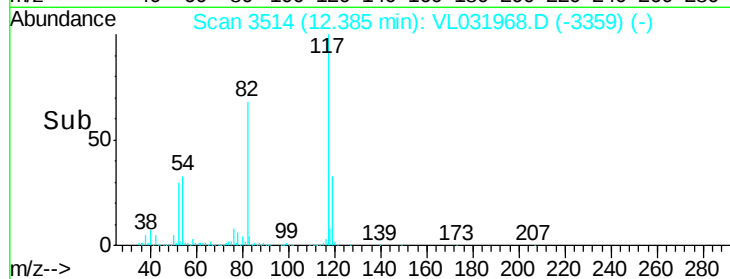
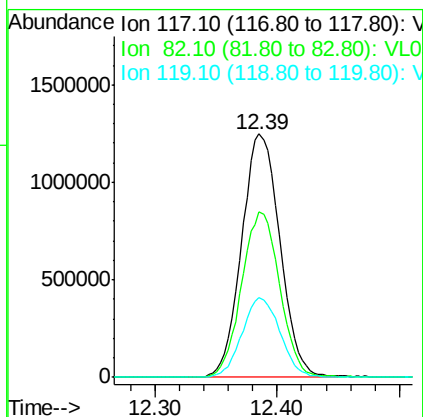
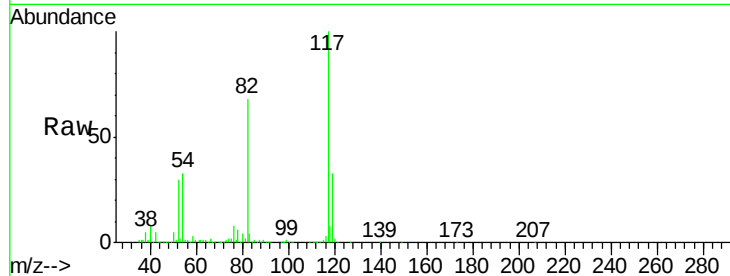




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VL031968.D
Acq: 3 May 2018 17:12

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABL01

Tot Ion:117 Resp: 2699464
Ion Ratio Lower Upper
117 100
82 68.4 51.6 77.4
119 32.8 44.2 66.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.20 ppbv
RT: 14.73 min Scan# 4242
Delta R.T. 0.00 min
Lab File: VL031968.D
Acq: 3 May 2018 17:12

Tgt Ion: 95 Resp: 2135203
Ion Ratio Lower Upper
95 100
174 66.9 53.0 79.6
175 4.7 3.9 5.9

