

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020420\
 Data File : VL034578.D
 Acq On : 4 Feb 2020 13:18
 Operator : SY/AP
 Sample : VL0204ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0204ABL01

Quant Time: Feb 05 06:04:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1091066	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2206871	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2245334	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1929880	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

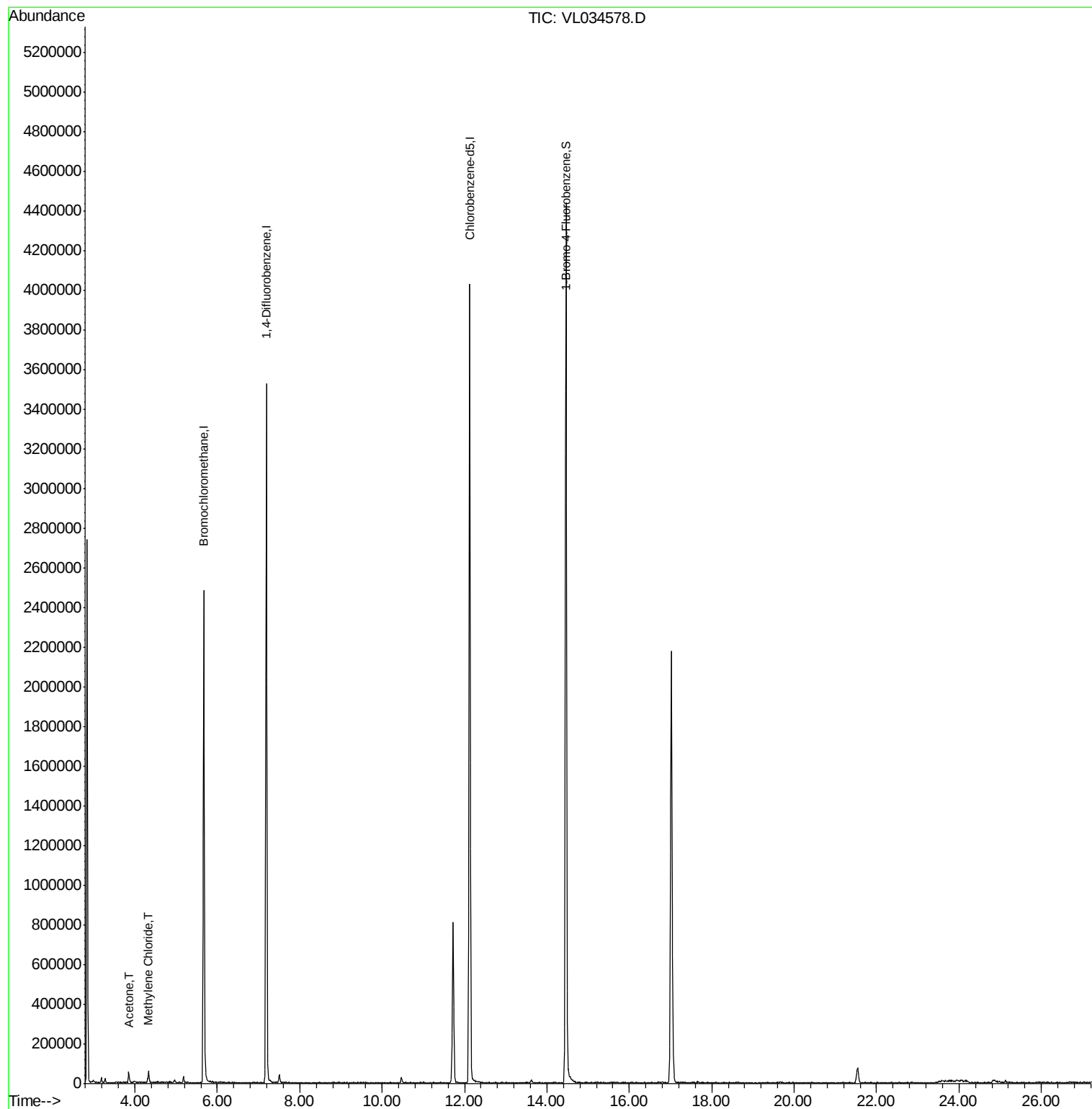
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	44392	0.277	ppbv	# 70
20) Methylene Chloride	4.33	84	15554	0.255	ppbv	89

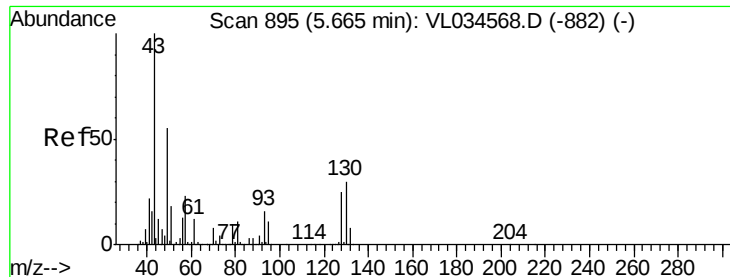
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL034578.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0204ABL01

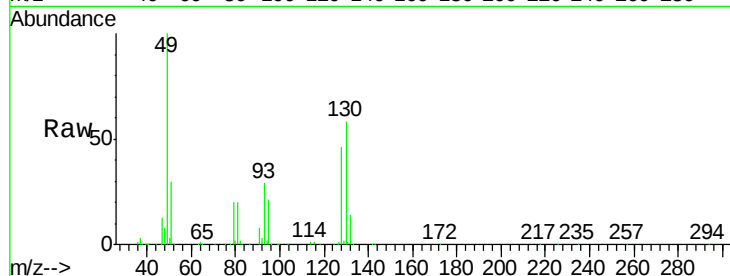
Tot Ion: 49 Resp: 1091066

Ion Ratio Lower Upper

49 100

128 47.0 22.7 68.1

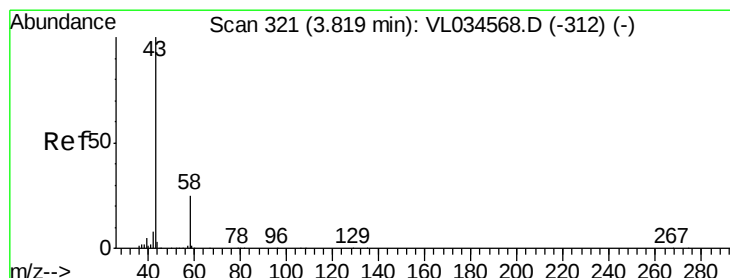
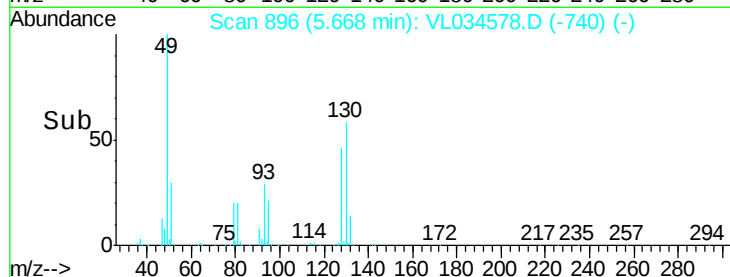
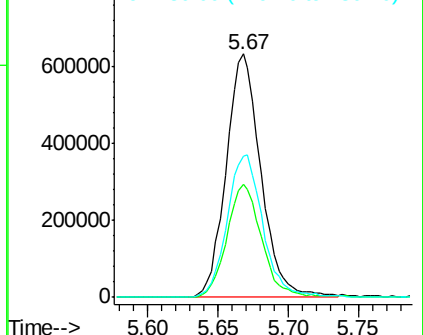
130 60.5 28.6 85.8



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: 0.277 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.03 min

Lab File: VL034578.D

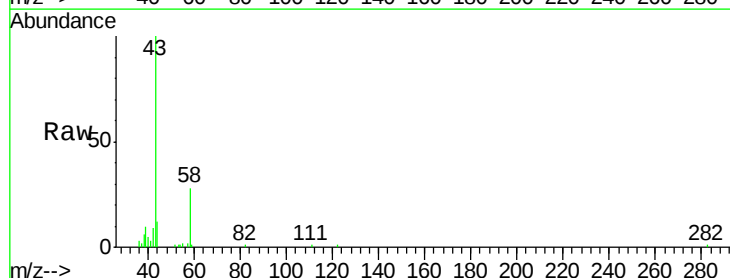
Acq: 4 Feb 2020 13:18

Tgt Ion: 43 Resp: 44392

Ion Ratio Lower Upper

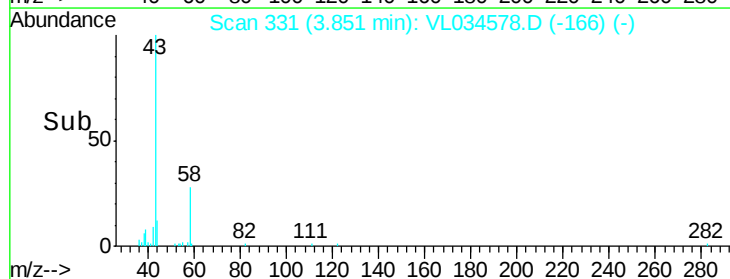
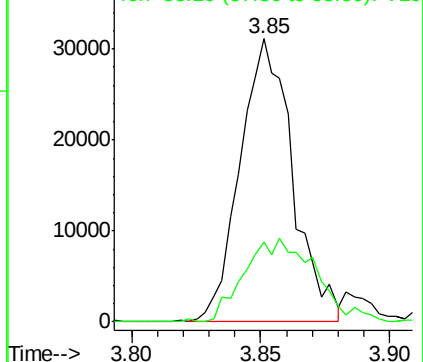
43 100

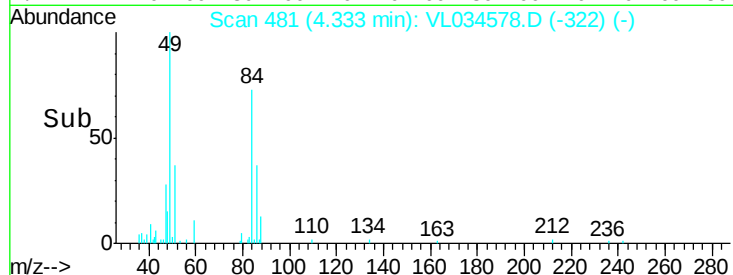
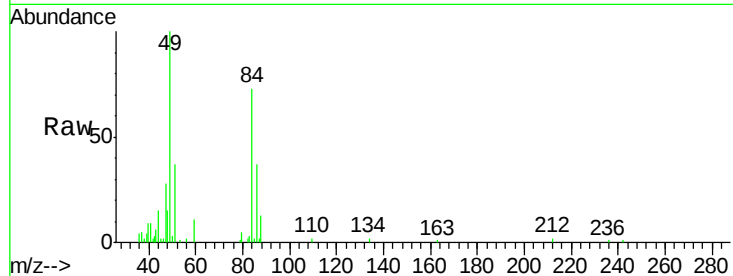
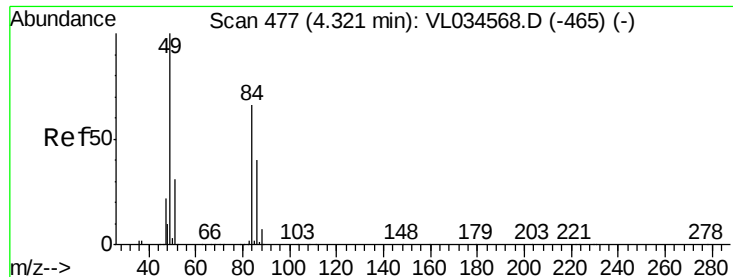
58 40.3 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

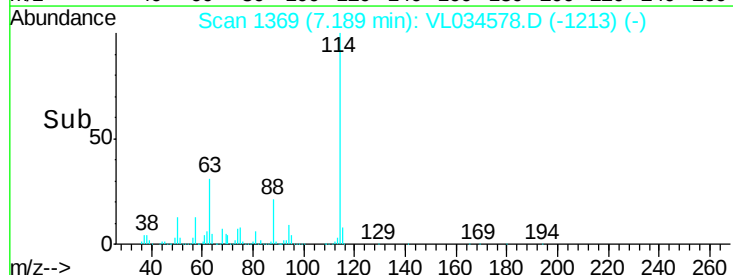
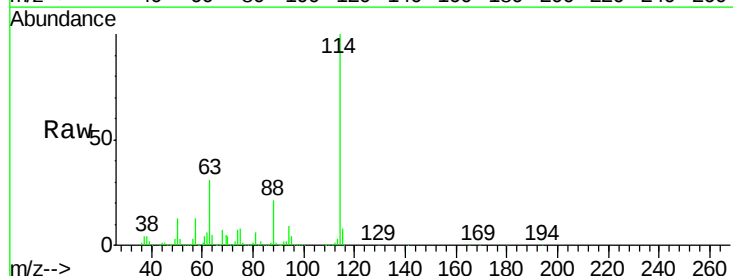
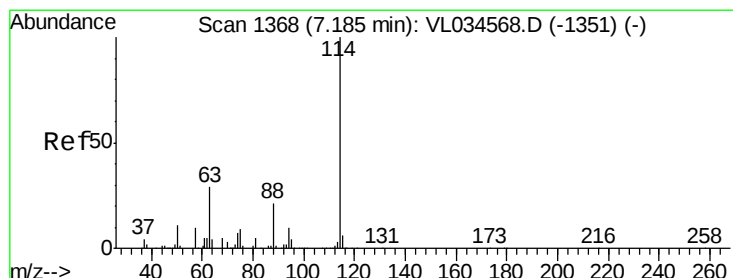
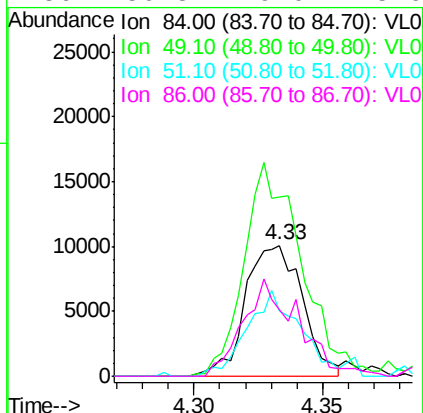




#20
Methylene Chloride
Concen: 0.255 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL034578.D
Acq: 4 Feb 2020 13:18

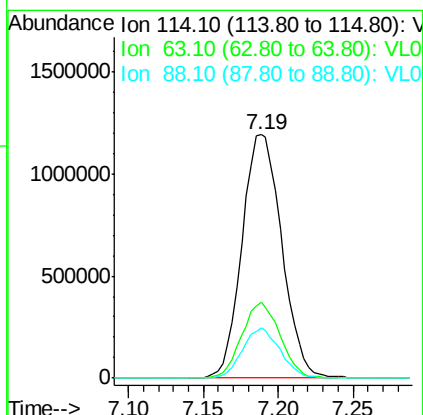
Instrument :
MSVOA_L
ClientSampleId :
VL0204ABL01

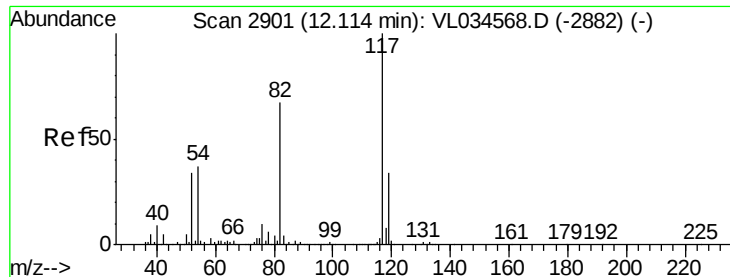
Tot Ion:	84	Resp:	15554
Ion	Ratio	Lower	Upper
84	100		
49	136.8	122.4	183.6
51	50.0	38.6	57.8
86	50.8	49.0	73.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL034578.D
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Tgt Ion:	114	Resp:	2206871
Ion	Ratio	Lower	Upper
114	100		
63	30.1	24.1	36.1
88	19.4	15.9	23.9

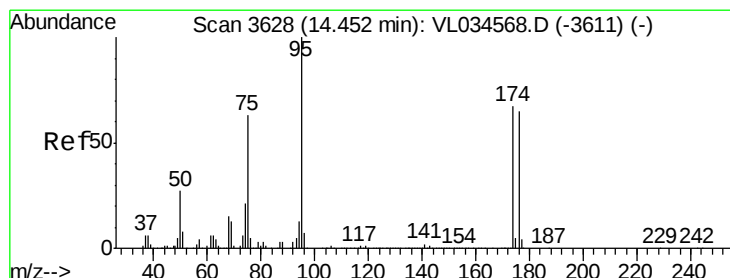
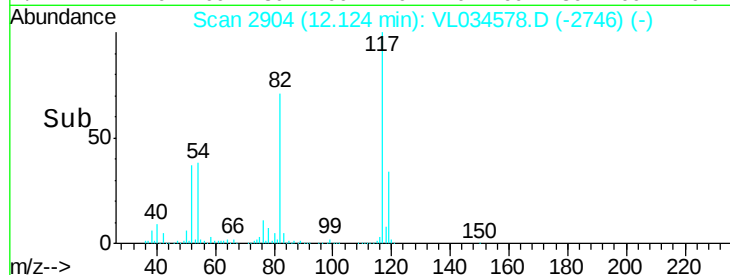
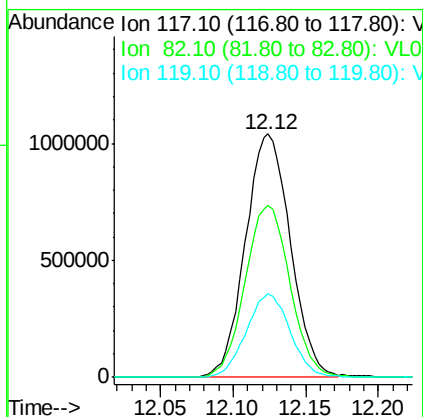
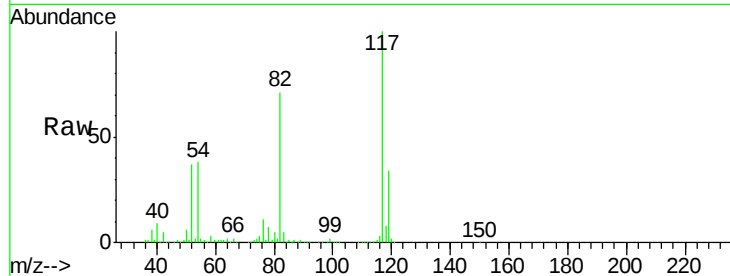




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.01 min
Lab File: VL034578.D
Acq: 4 Feb 2020 13:18

Instrument :
MSVOA_L
ClientSampleId :
VL0204ABL01

Tot Ion:117 Resp: 2245334
Ion Ratio Lower Upper
117 100
82 71.1 54.2 81.4
119 33.5 26.1 39.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.170 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.01 min
Lab File: VL034578.D
Acq: 4 Feb 2020 13:18

Tgt Ion: 95 Resp: 1929880
Ion Ratio Lower Upper
95 100
174 64.4 52.3 78.5
175 4.7 3.8 5.6

