

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
 Data File : VL034626.D
 Acq On : 18 Feb 2020 16:20
 Operator : SY/AP
 Sample : L1532-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BR-IADL

Quant Time: Feb 20 16:47:18 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	5.66	49	915422	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1907877	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1915218	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1631723	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

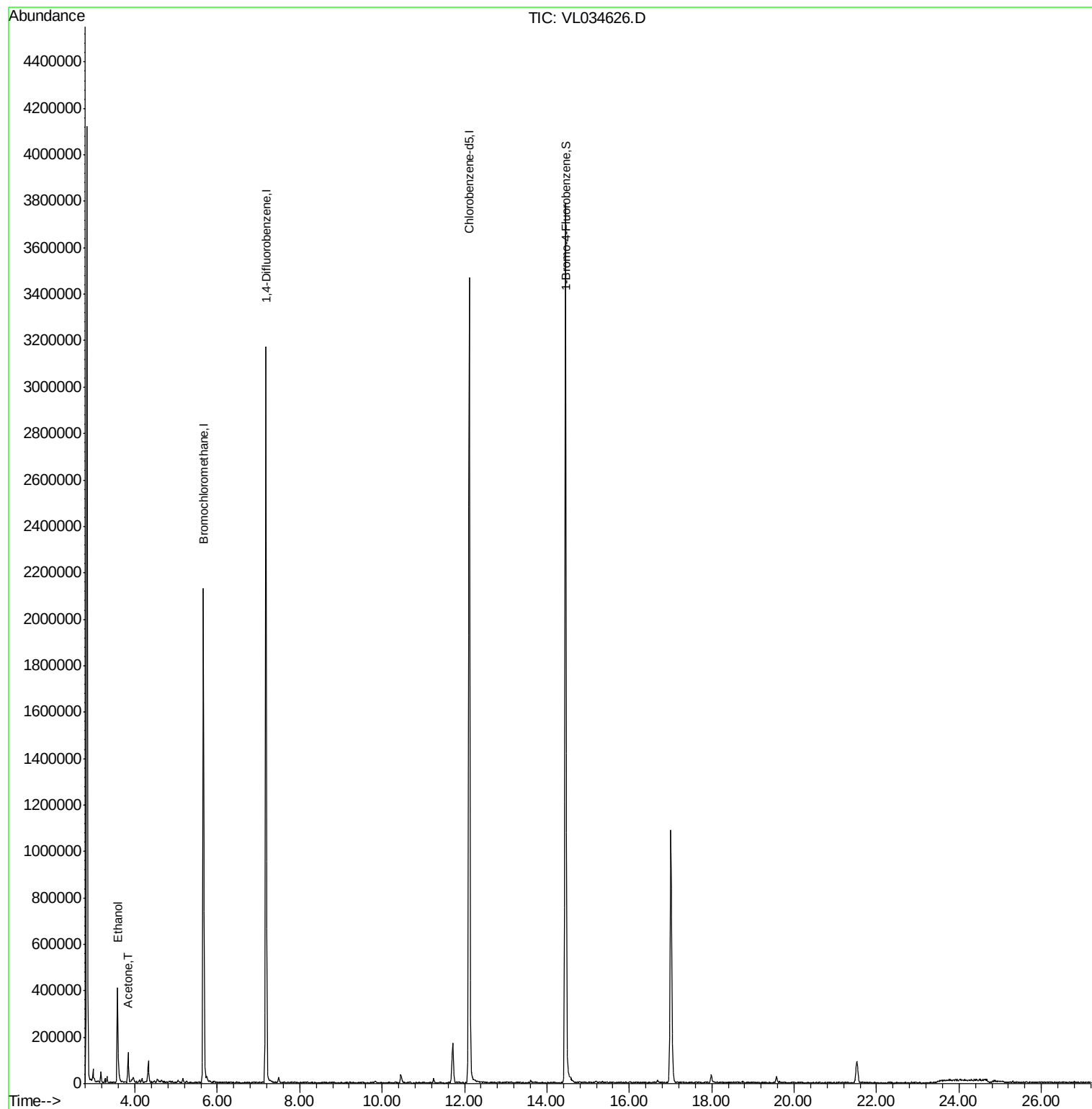
Target Compounds					Ovalue
13) Ethanol	3.57	45	404820	35.092	ppbv 97
15) Acetone	3.83	43	113468	0.843	ppbv 94

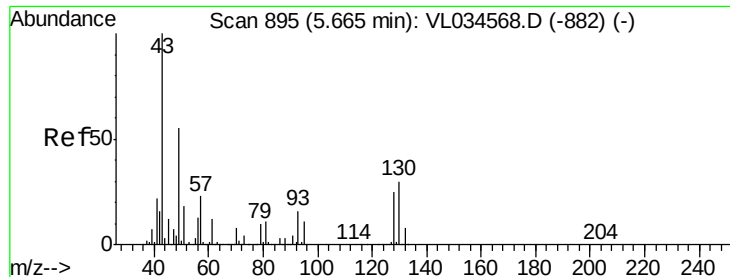
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400ml/MSVOA L
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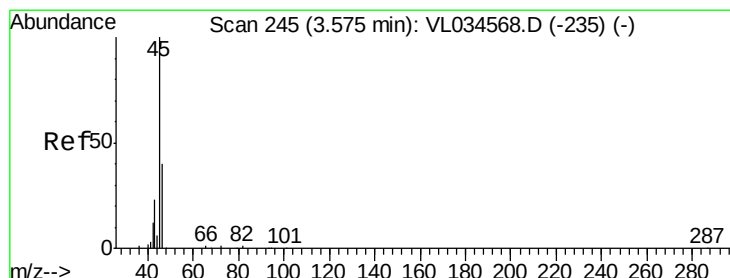
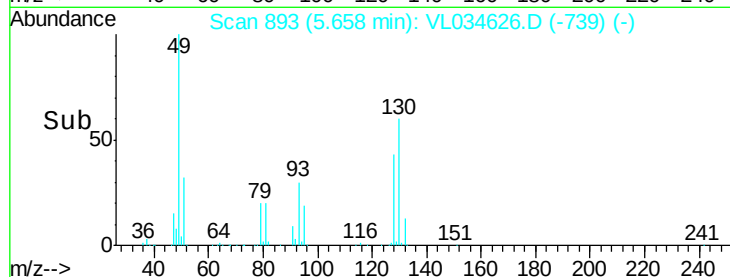
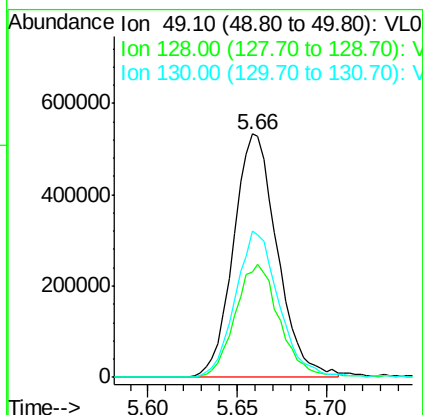
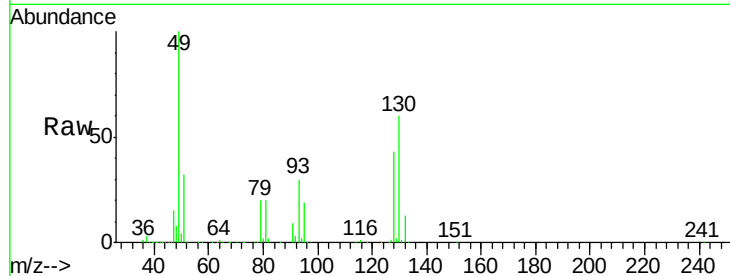




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: VL034626.D
 Acq: 18 Feb 2020 16:20

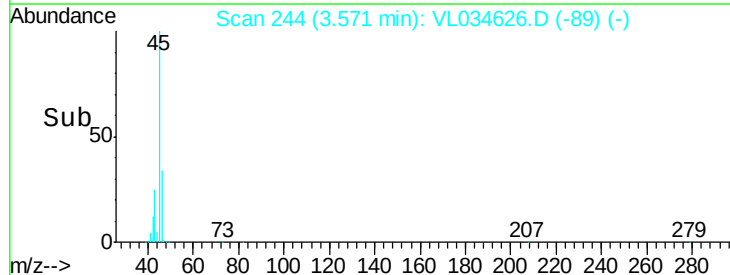
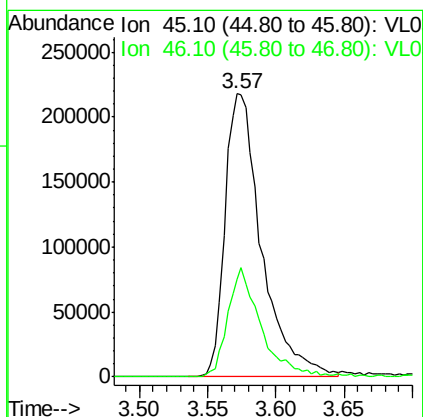
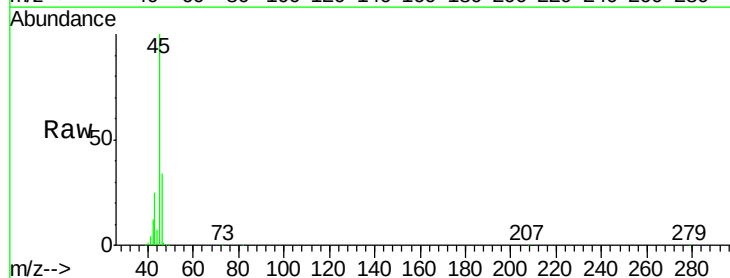
Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BR-IADL

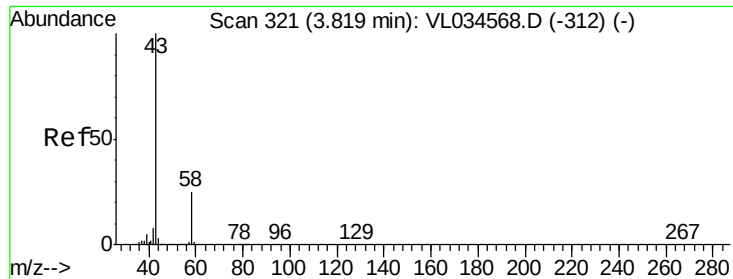
Tot Ion: 49 Resp: 915422
 Ion Ratio Lower Upper
 49 100
 128 46.9 22.7 68.1
 130 60.4 28.6 85.8



#13
 Ethanol
 Concen: 35.092 ppbv
 RT: 3.57 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VL034626.D
 Acq: 18 Feb 2020 16:20

Tgt Ion: 45 Resp: 404820
 Ion Ratio Lower Upper
 45 100
 46 35.2 14.8 59.2





#15

Acetone

Concen: 0.843 ppbv

RT: 3.83 min Scan# 325

Delta R.T. 0.01 min

Lab File: VL034626.D

Acq: 18 Feb 2020 16:20

Instrument :

MSVOA_L

ClientSampleId :

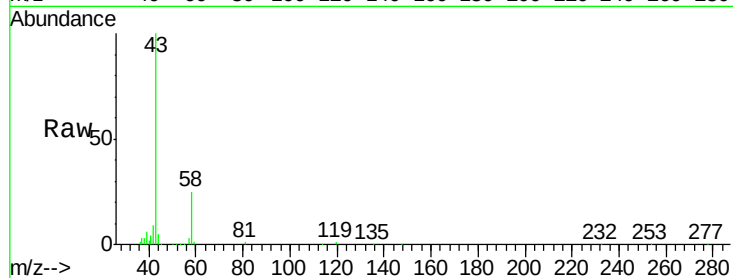
IR-BR-IADL

Tot Ion: 43 Resp: 113468

Ion Ratio Lower Upper

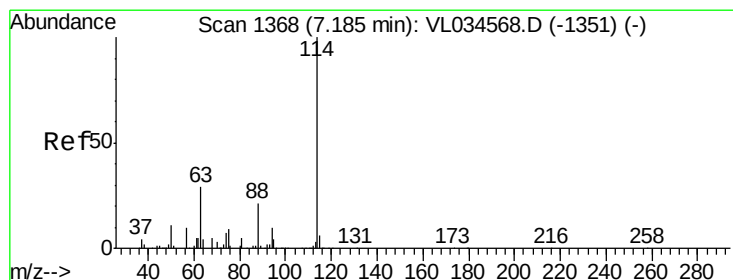
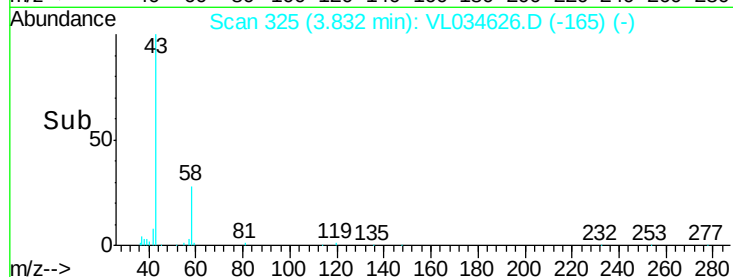
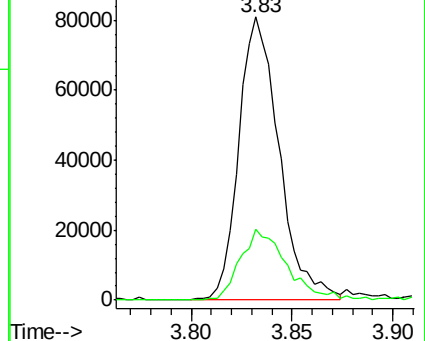
43 100

58 28.6 20.3 30.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VL034626.D

Acq: 18 Feb 2020 16:20

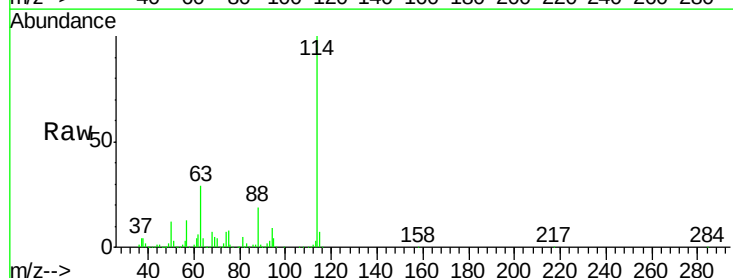
Tgt Ion: 114 Resp: 1907877

Ion Ratio Lower Upper

114 100

63 29.3 24.1 36.1

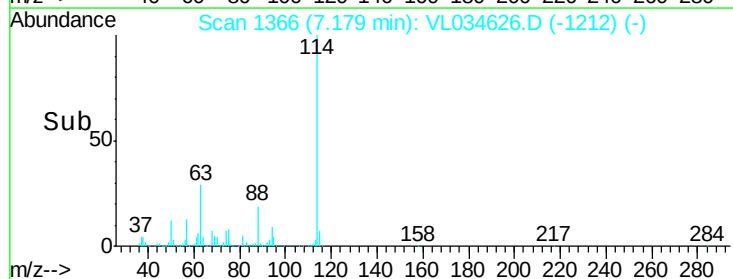
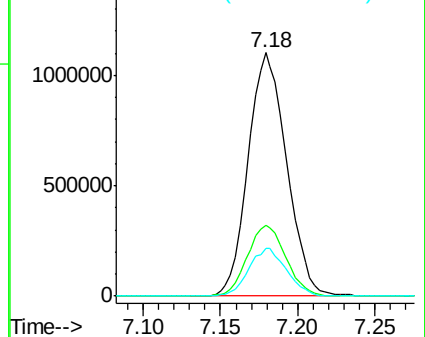
88 19.5 15.9 23.9

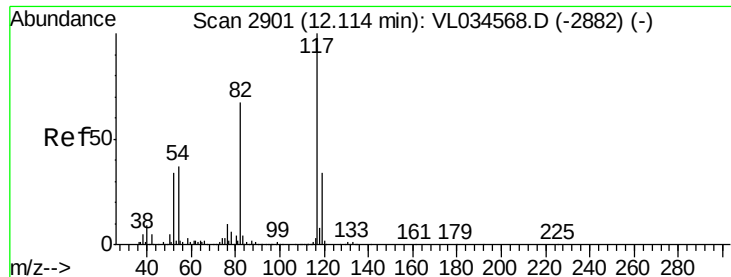


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

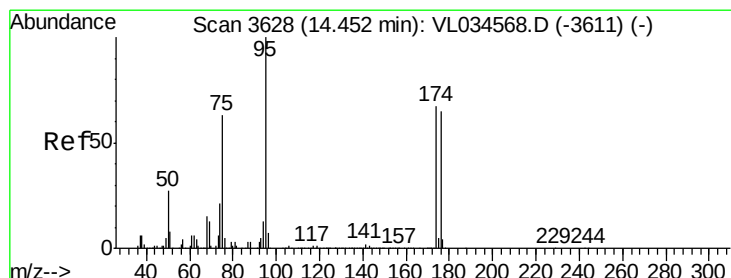
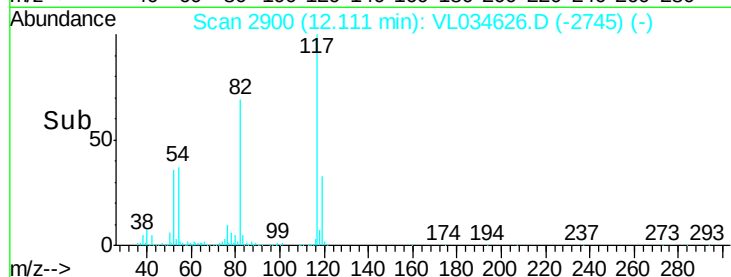
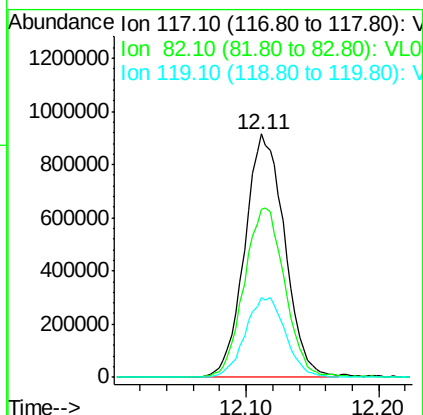
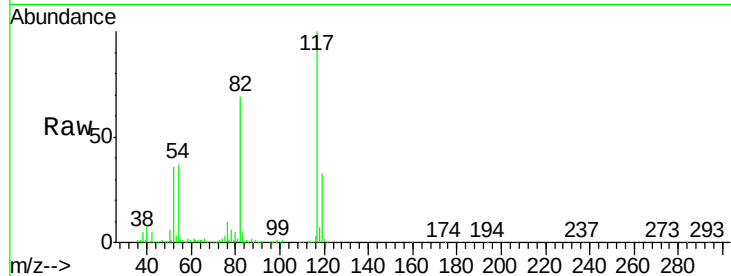




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL034626.D
Acq: 18 Feb 2020 16:20

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion:117 Resp: 1915218
Ion Ratio Lower Upper
117 100
82 71.3 54.2 81.4
119 33.2 26.1 39.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.081 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. 0.00 min
Lab File: VL034626.D
Acq: 18 Feb 2020 16:20

Tgt Ion: 95 Resp: 1631723
Ion Ratio Lower Upper
95 100
174 65.2 52.3 78.5
175 5.0 3.8 5.6

