

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
 Data File : VL034620.D
 Acq On : 18 Feb 2020 11:33
 Operator : SY/AP
 Sample : VL0218ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0218ABL01

Quant Time: Feb 19 06:17:08 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	5.65	49	915293	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1895576	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1924517	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1619513	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

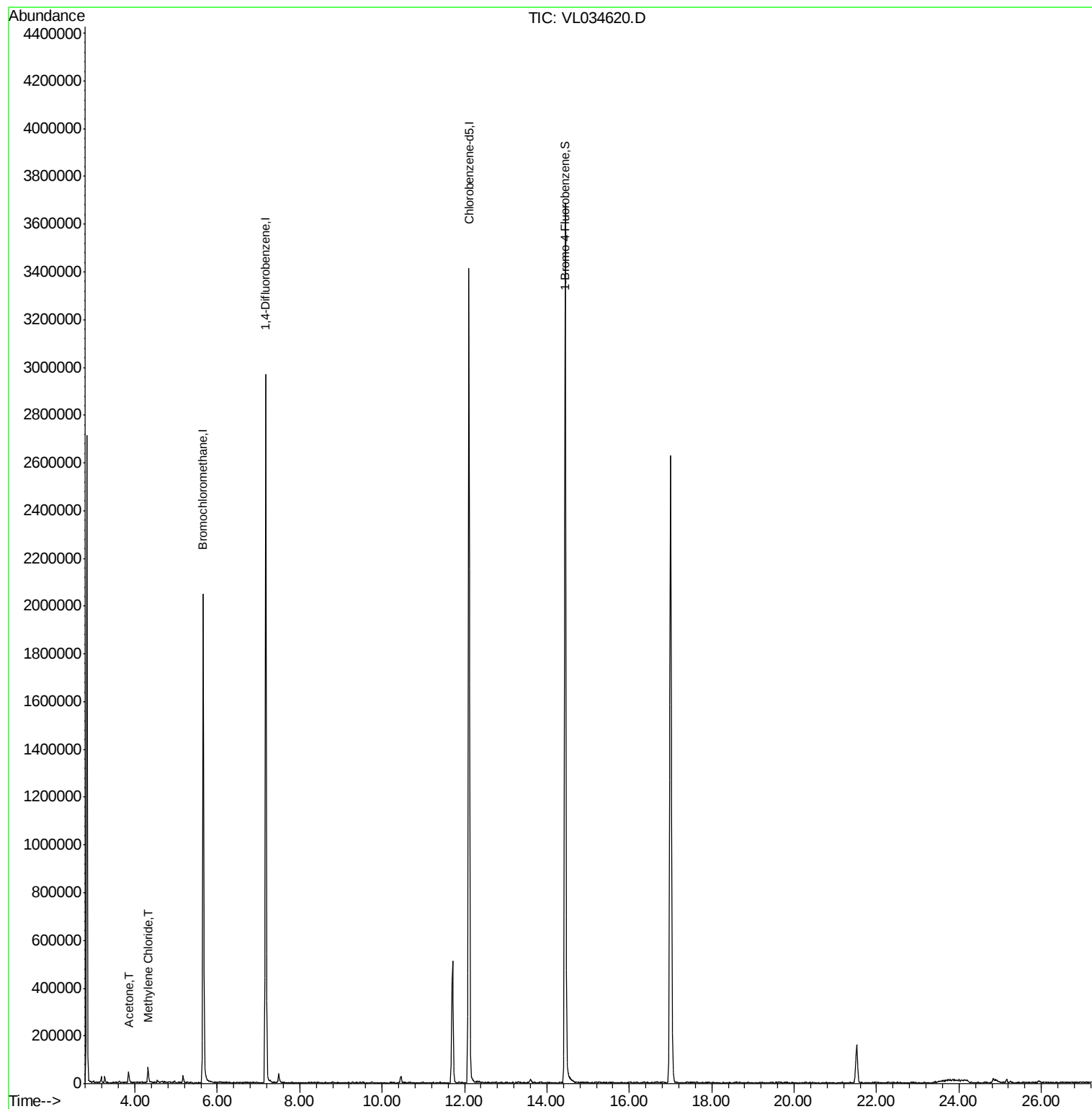
Target Compounds					Ovalue
15) Acetone	3.85	43	41955	0.312 ppbv #	75
20) Methylene Chloride	4.32	84	18372	0.359 ppbv #	78

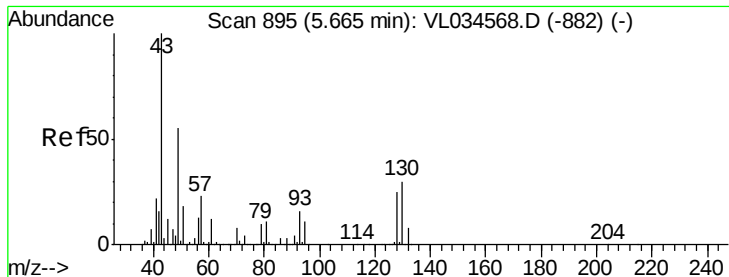
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0218ABL01

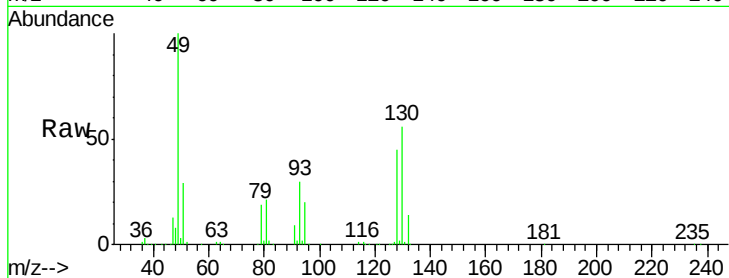
Tot Ion: 49 Resp: 915293

Ion Ratio Lower Upper

49 100

128 47.0 22.7 68.1

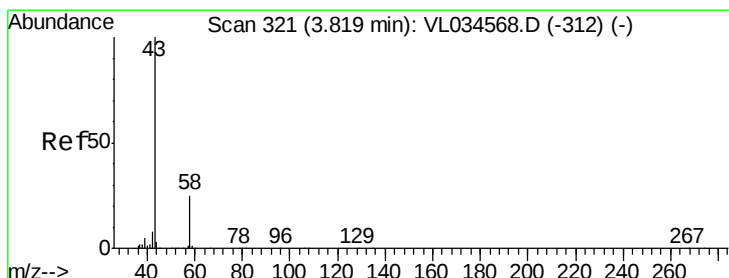
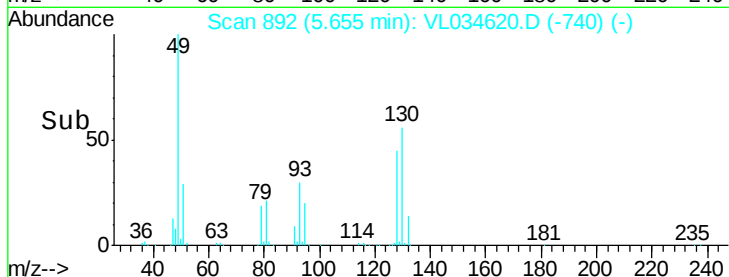
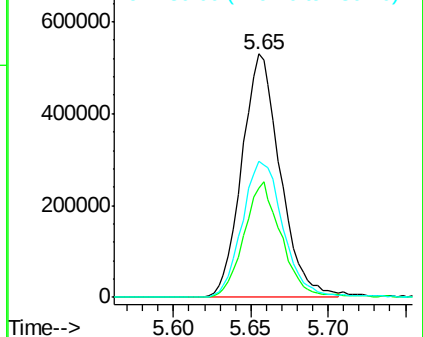
130 60.8 28.6 85.8



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: 0.312 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.03 min

Lab File: VL034620.D

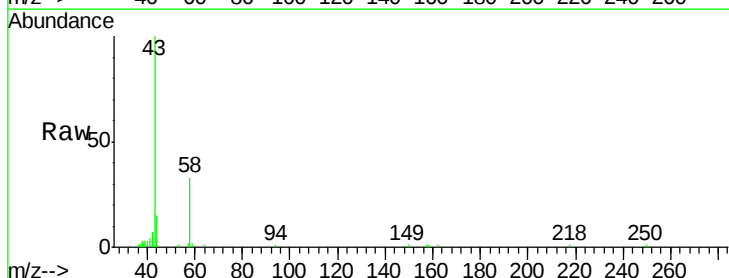
Acq: 18 Feb 2020 11:33

Tgt Ion: 43 Resp: 41955

Ion Ratio Lower Upper

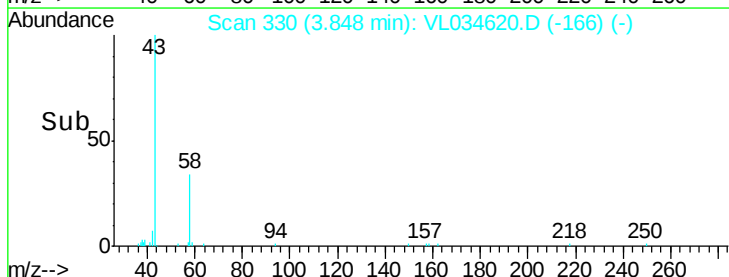
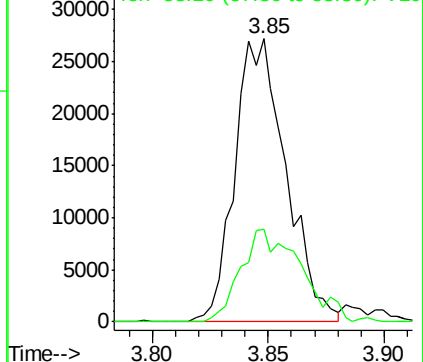
43 100

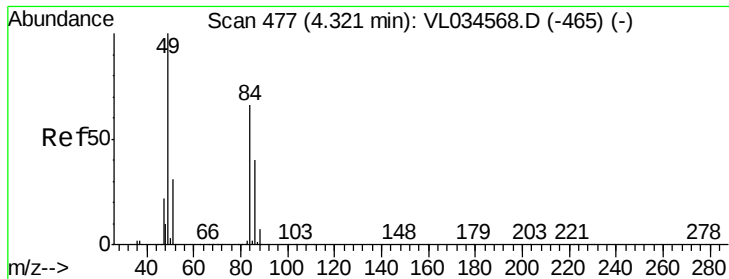
58 38.2 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

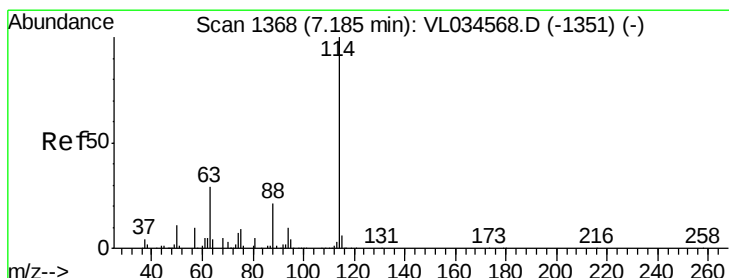
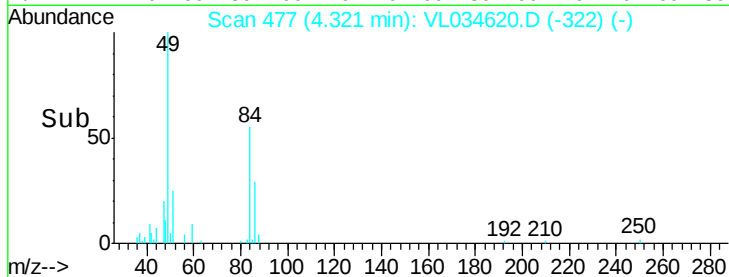
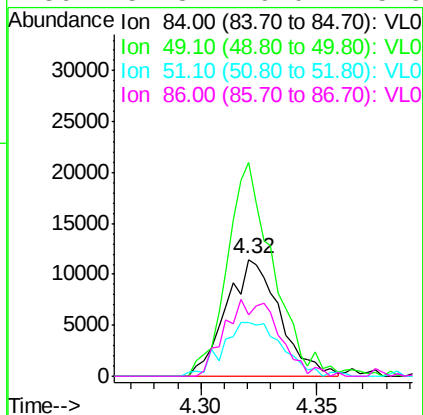
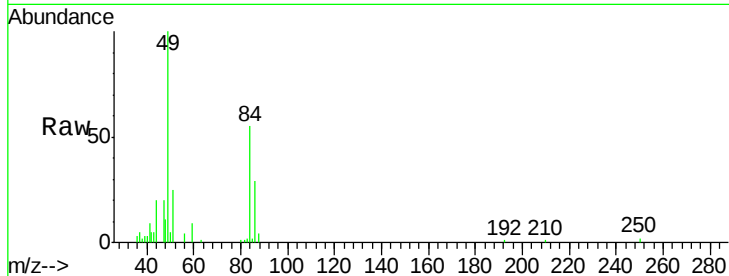




#20
Methylene Chloride
Concen: 0.359 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.00 min
Lab File: VL034620.D
Acq: 18 Feb 2020 11:33

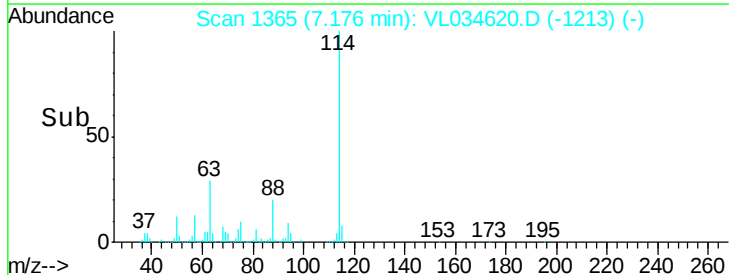
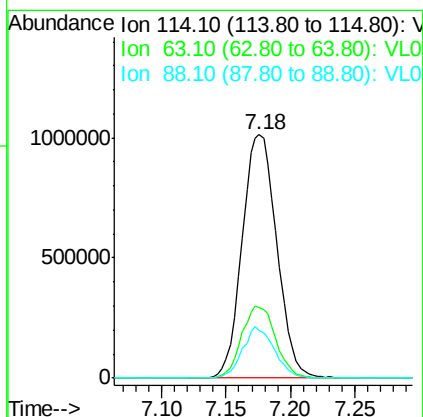
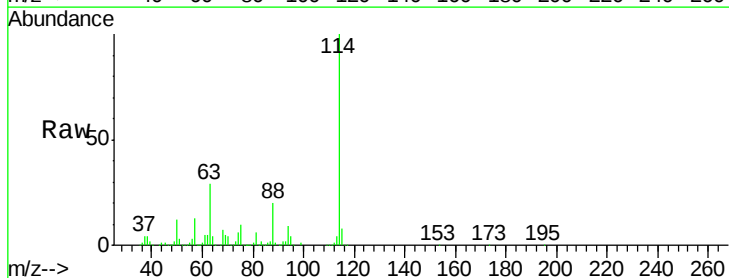
Instrument :
MSVOA_L
ClientSampleId :
VL0218ABL01

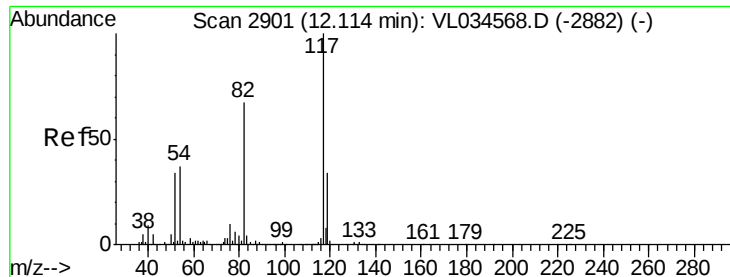
Tot Ion:	84	Resp:	18372
Ion	Ratio	Lower	Upper
84	100		
49	192.2	122.4	183.6#
51	43.0	38.6	57.8
86	52.8	49.0	73.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL034620.D
Acq: 18 Feb 2020 11:33

Tgt Ion:	114	Resp:	1895576
Ion	Ratio	Lower	Upper
114	100		
63	29.2	24.1	36.1
88	19.3	15.9	23.9

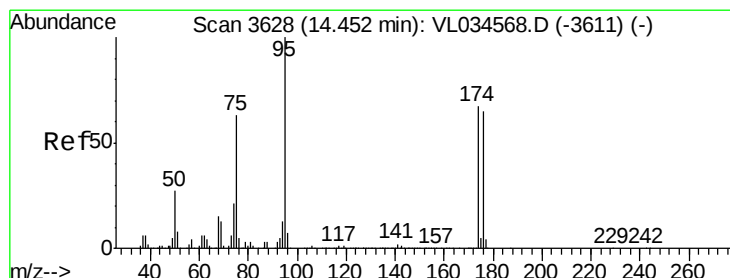
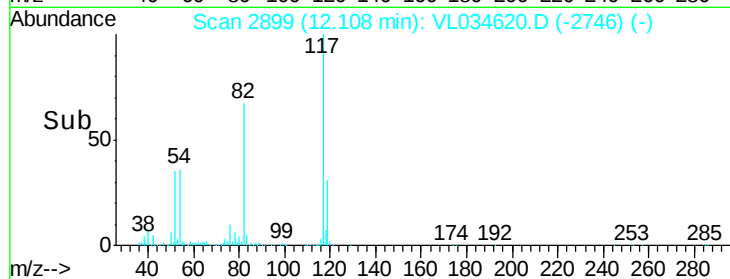
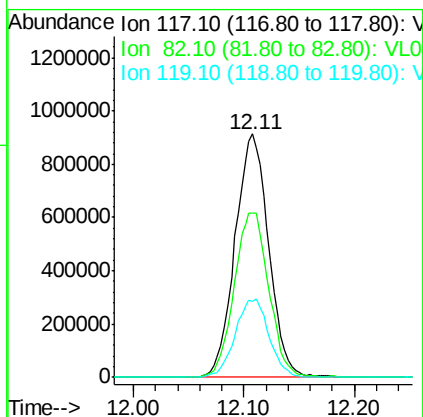
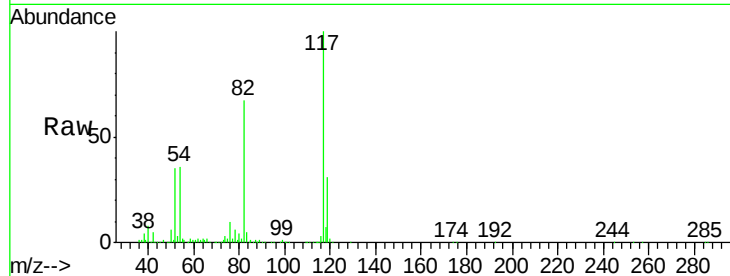




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL034620.D
Acq: 18 Feb 2020 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL0218ABL01

Tot Ion:117 Resp: 1924517
Ion Ratio Lower Upper
117 100
82 70.0 54.2 81.4
119 32.5 26.1 39.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.957 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL034620.D
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Tgt Ion: 95 Resp: 1619513
Ion Ratio Lower Upper
95 100
174 65.2 52.3 78.5
175 4.4 3.8 5.6

