

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035158.D
 Acq On : 6 Jul 2020 22:59
 Operator : SY/AP
 Sample : L3190-01DL 600X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PERM-01DL

Quant Time: Jul 07 10:29:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	943523	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2216517	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2082792	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1761625	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

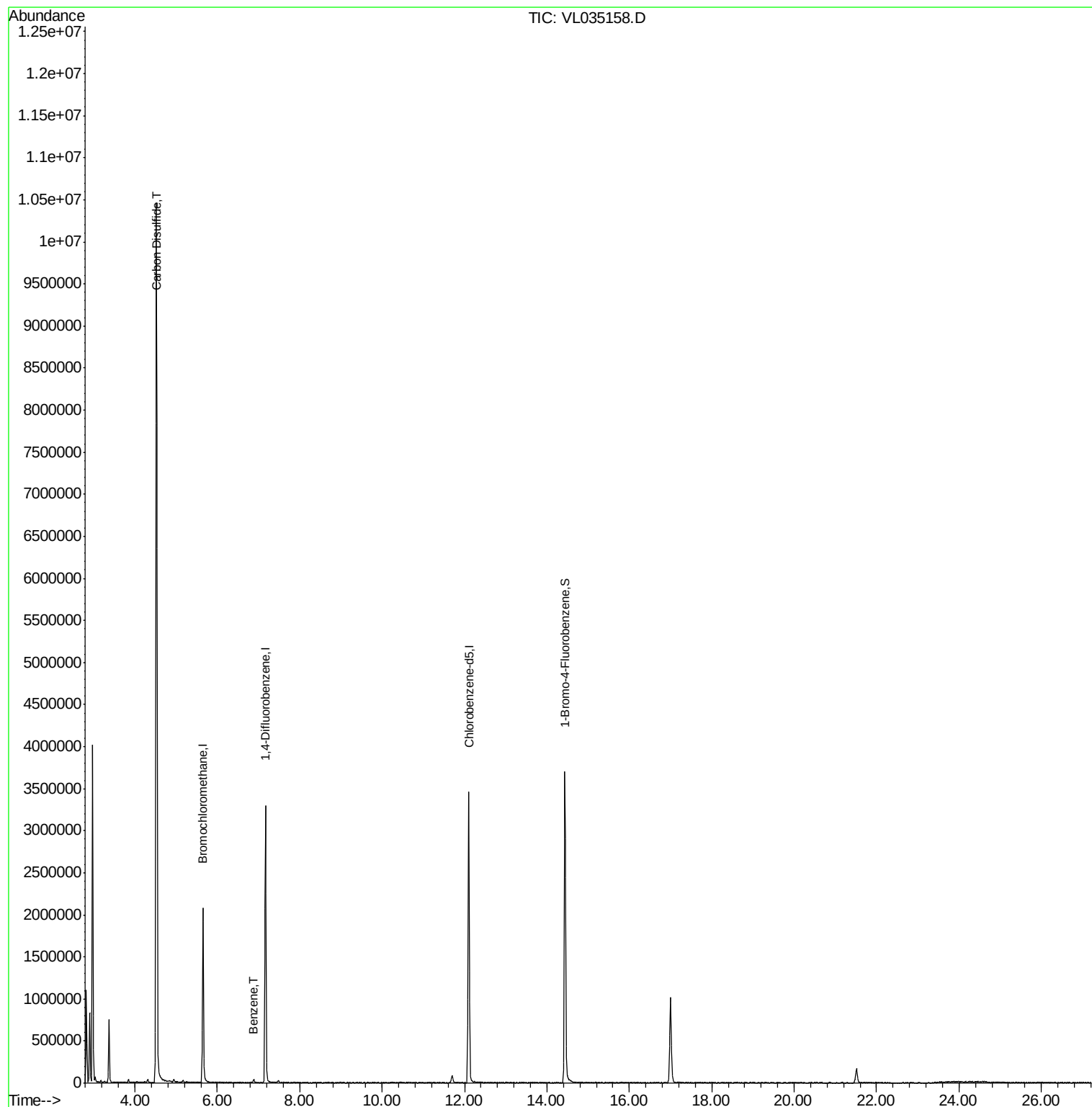
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) Carbon Disulfide	4.52	76	12324571	128.307	ppbv #	72
36) Benzene	6.88	78	31576	0.184	ppbv #	90

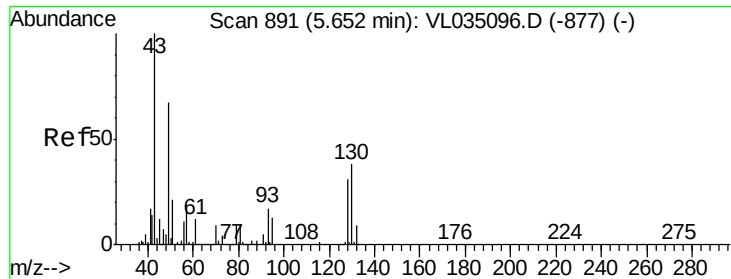
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

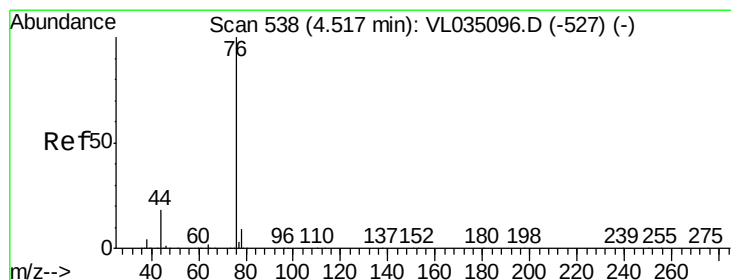
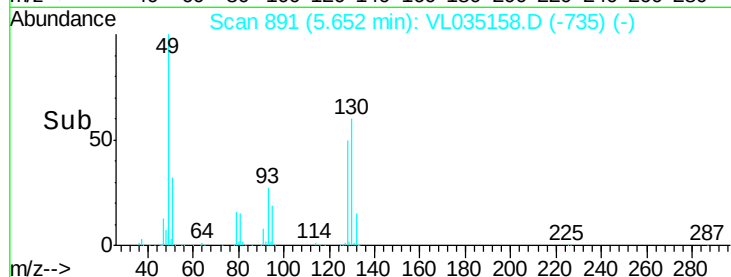
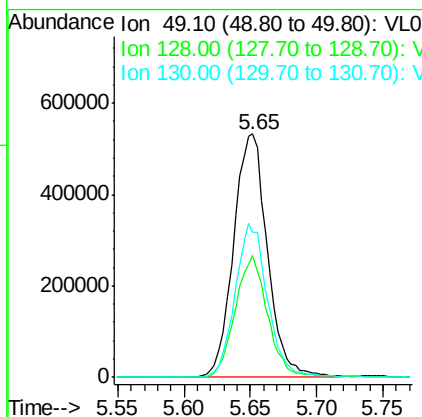
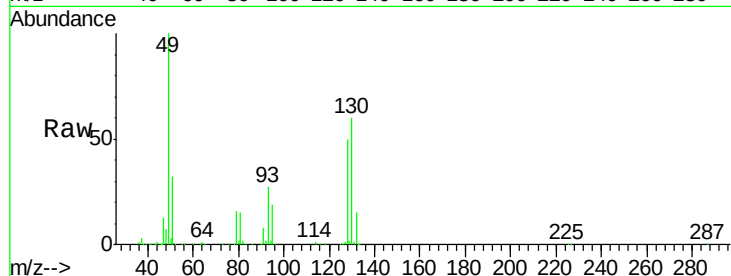




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: VL035158.D
 Acq: 6 Jul 2020 22:59

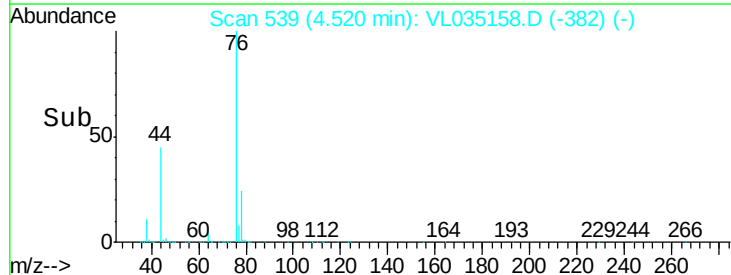
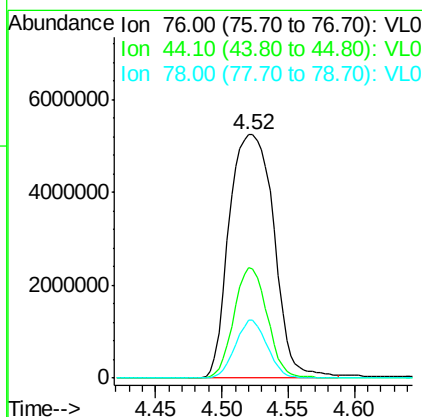
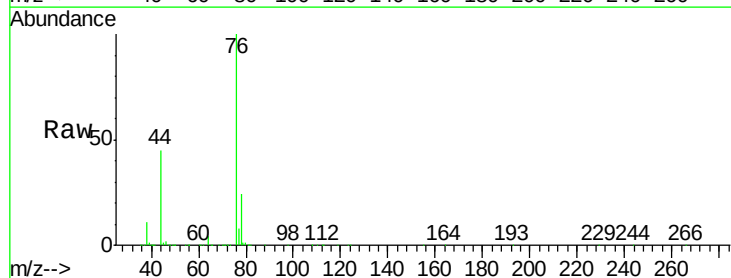
Instrument :
 MSVOA_L
 ClientSampleId :
 PERM-01DL

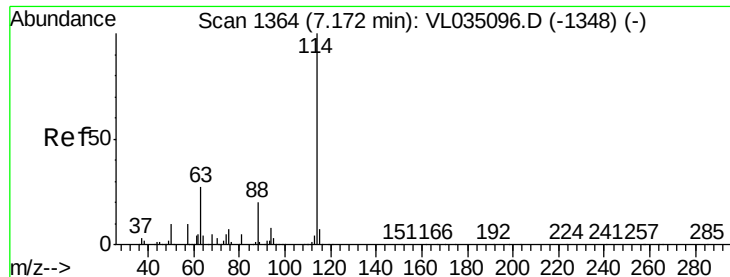
Tot Ion: 49 Resp: 943523
 Ion Ratio Lower Upper
 49 100
 128 48.1 22.9 68.5
 130 61.4 29.0 87.0



#27
 Carbon Disulfide
 Concen: 128.307 ppbv
 RT: 4.52 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VL035158.D
 Acq: 6 Jul 2020 22:59

Tgt Ion: 76 Resp:12324571
 Ion Ratio Lower Upper
 76 100
 44 34.1 15.8 23.8#
 78 17.2 7.6 11.4#

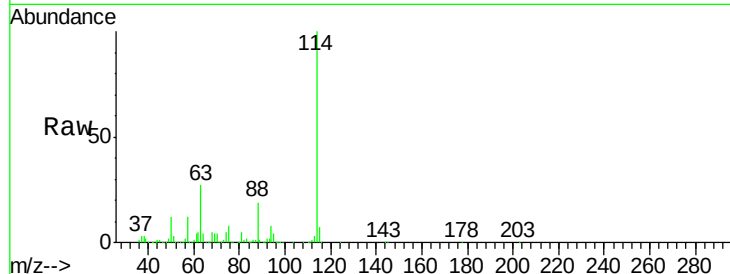




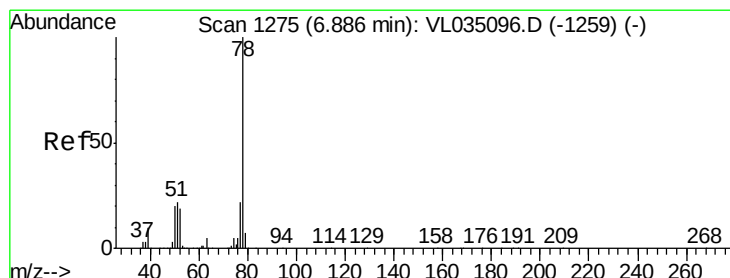
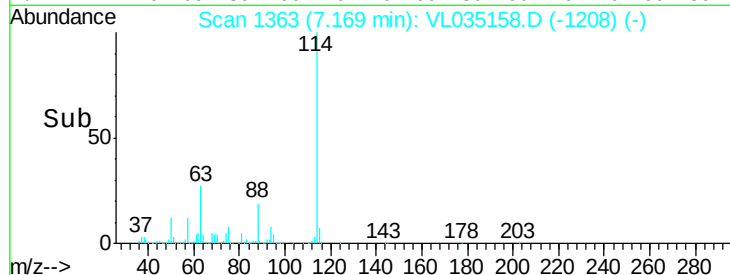
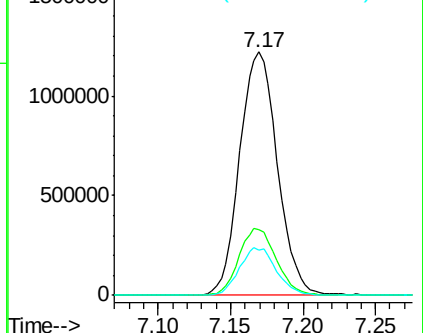
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL035158.D
 Acq: 6 Jul 2020 22:59

Instrument :
 MSVOA_L
 ClientSampleId :
 PERM-01DL

Tot Ion:114 Resp: 2216517
 Ion Ratio Lower Upper
 114 100
 63 27.3 21.9 32.9
 88 19.3 15.6 23.4

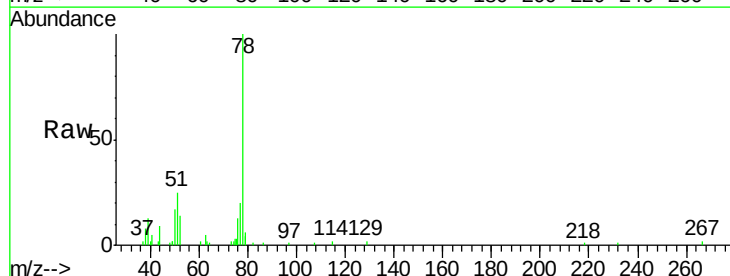


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

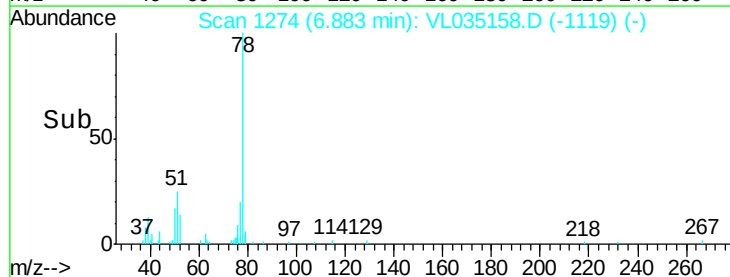
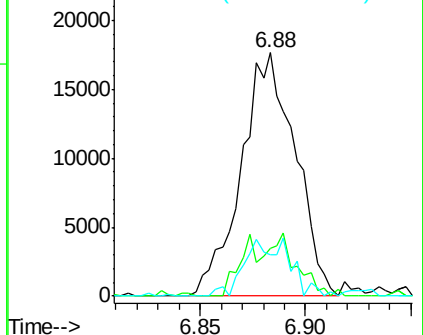


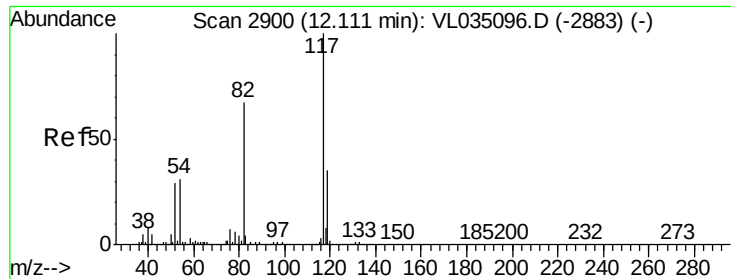
#36
 Benzene
 Concen: 0.184 ppbv
 RT: 6.88 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: VL035158.D
 Acq: 6 Jul 2020 22:59

Tgt Ion: 78 Resp: 31576
 Ion Ratio Lower Upper
 78 100
 77 17.1 17.8 26.6#
 50 15.9 16.2 24.2#



Abundance Ion 78.10 (77.80 to 78.80): VL0
 Ion 77.10 (76.80 to 77.80): VL0
 Ion 50.10 (49.80 to 50.80): VL0

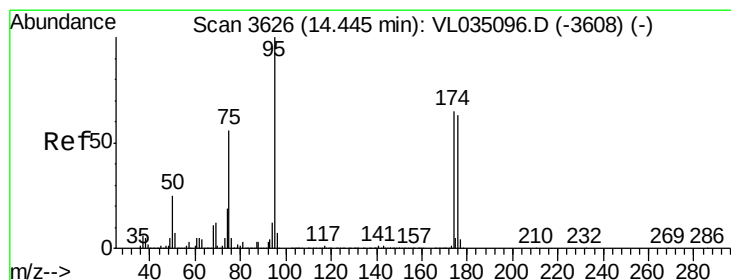
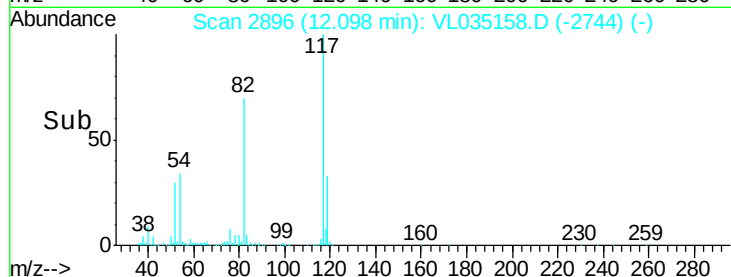
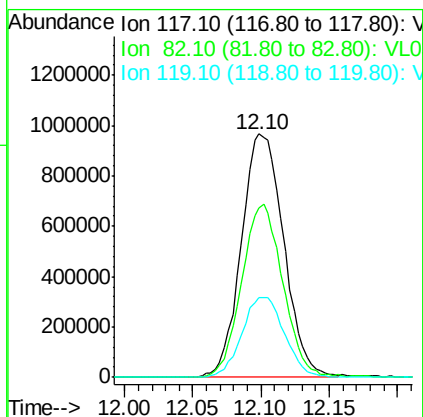
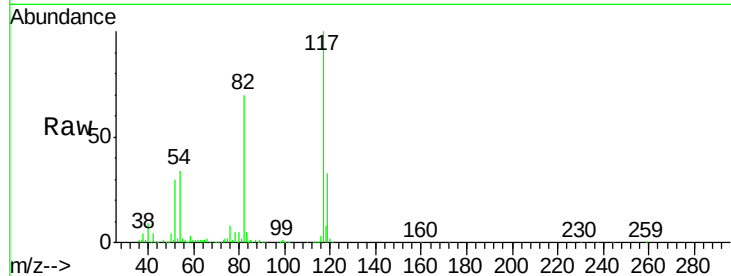




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL035158.D
Acq: 6 Jul 2020 22:59

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Tot Ion:117 Resp: 2082792
Ion Ratio Lower Upper
117 100
82 69.8 50.4 75.6
119 33.3 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.182 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL035158.D
Acq: 6 Jul 2020 22:59

Tgt Ion: 95 Resp: 1761625
Ion Ratio Lower Upper
95 100
174 65.7 52.2 78.2
175 4.8 4.0 6.0

