

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\
 Data File : VL035628.D
 Acq On : 16 Sep 2020 13:49
 Operator : SY/AP
 Sample : VL0916ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0916ABL01

Quant Time: Sep 17 07:16:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1211520	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4797518	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4808137	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3519546	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

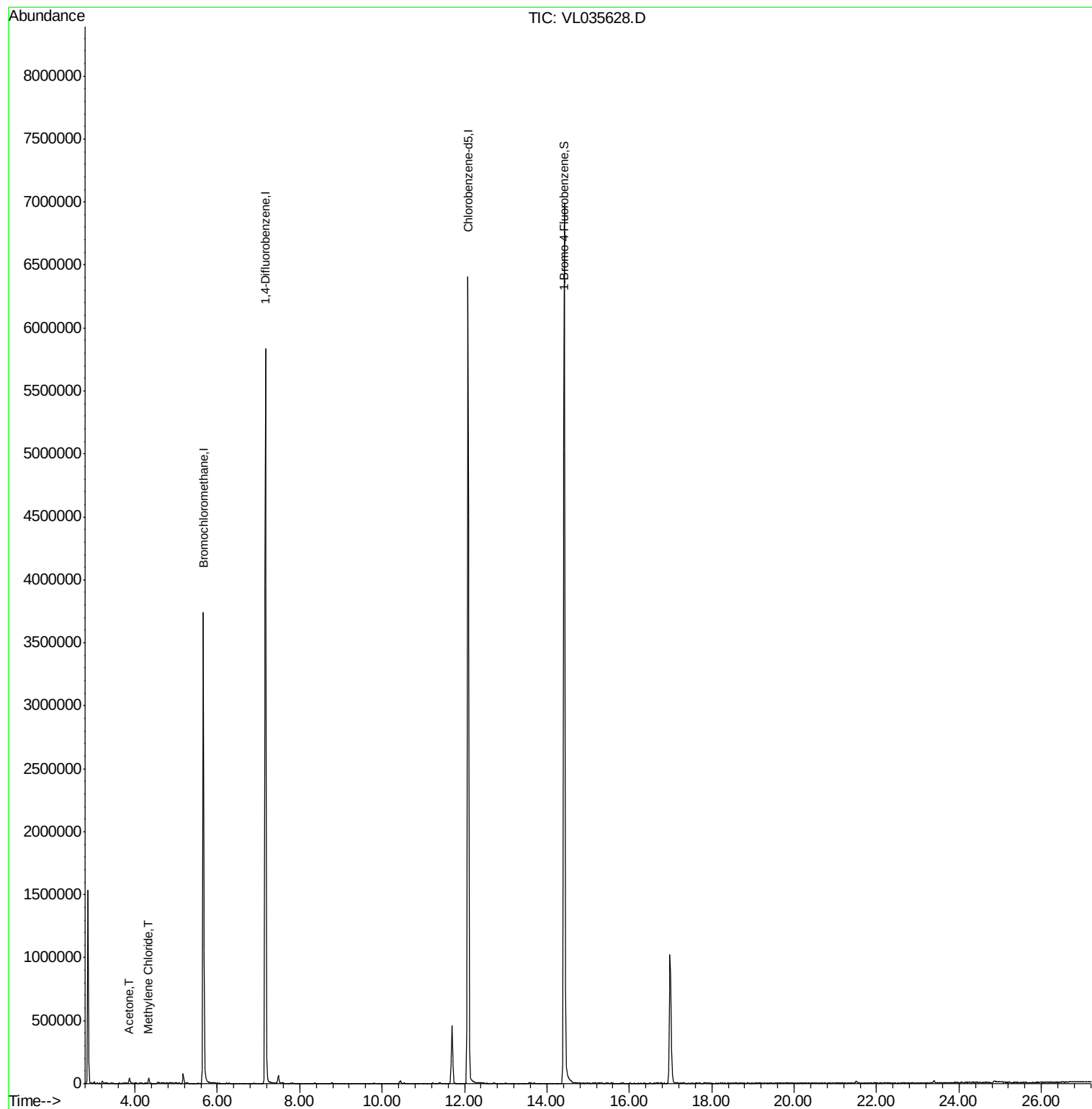
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	30972	0.232	ppbv	# 31
20) Methylene Chloride	4.33	84	16922	0.170	ppbv	98

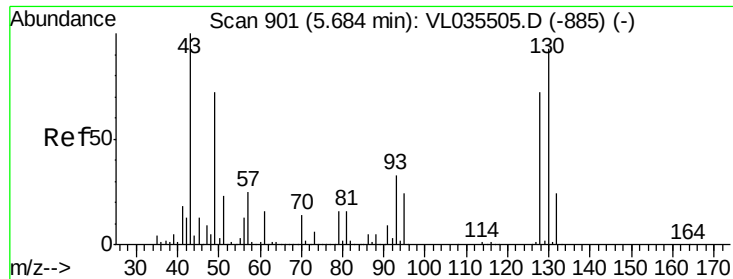
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0916ABL01

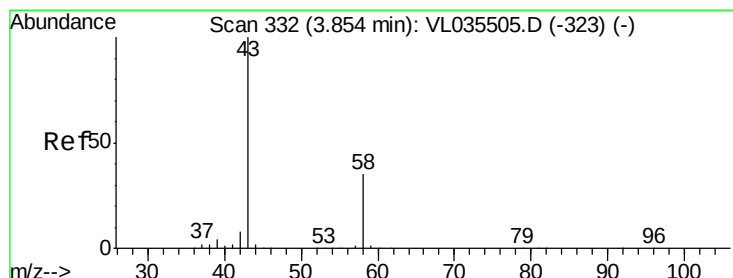
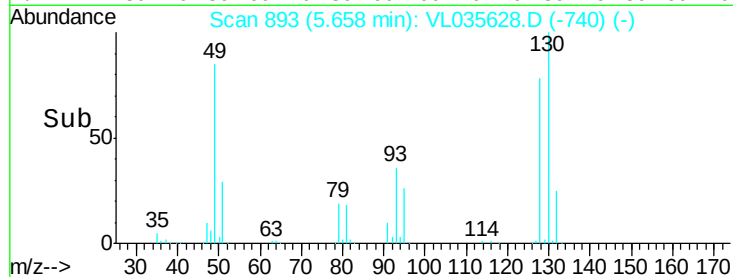
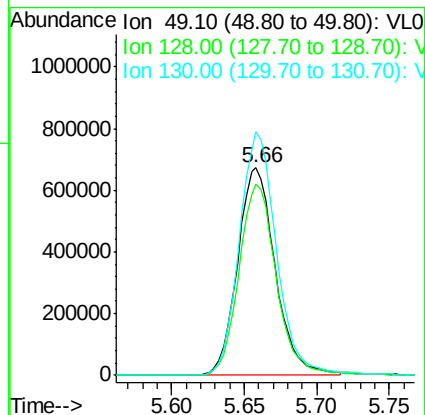
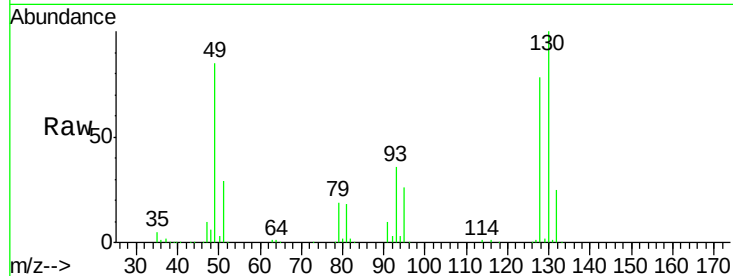
Tot Ion: 49 Resp: 1211520

Ion Ratio Lower Upper

49 100

128 92.6 50.0 150.1

130 117.5 64.4 193.2



#15

Acetone

Concen: 0.232 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.03 min

Lab File: VL035628.D

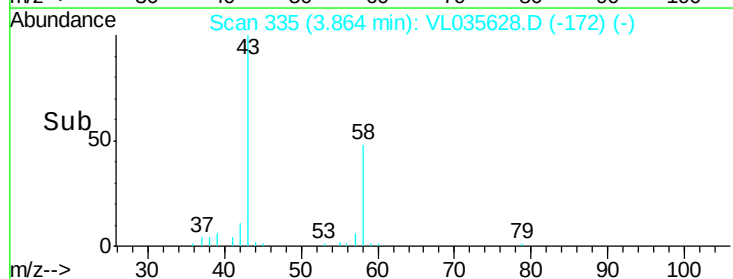
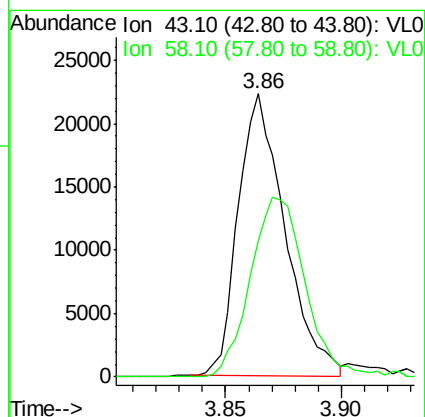
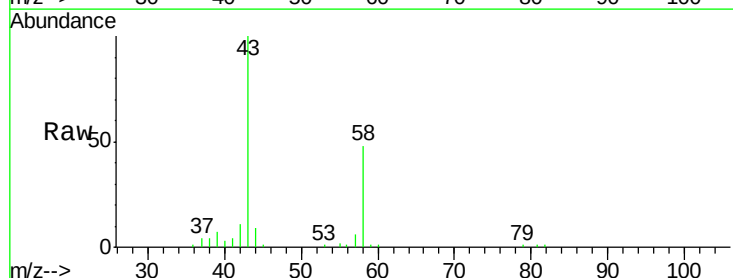
Acq: 16 Sep 2020 13:49

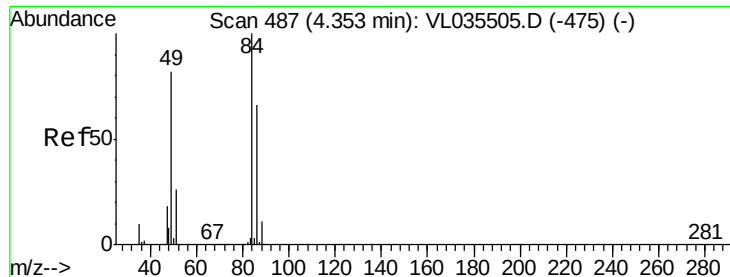
Tgt Ion: 43 Resp: 30972

Ion Ratio Lower Upper

43 100

58 75.8 28.4 42.6#

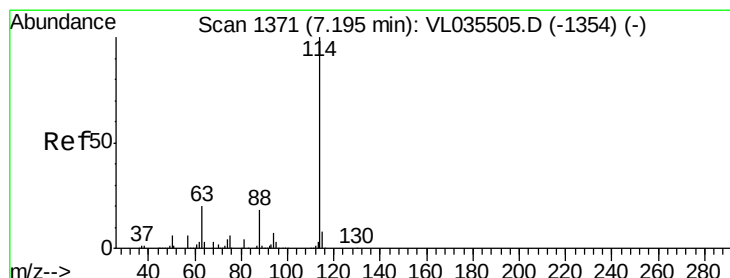
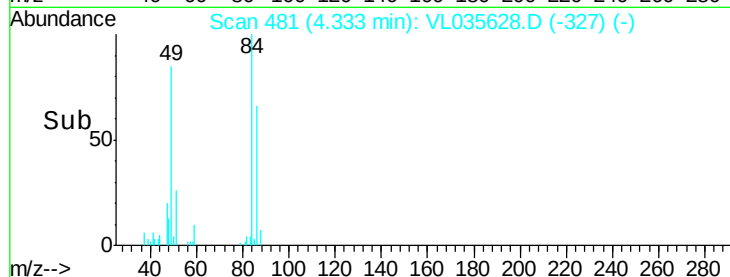
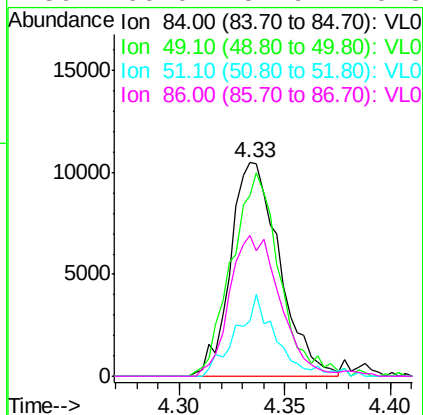
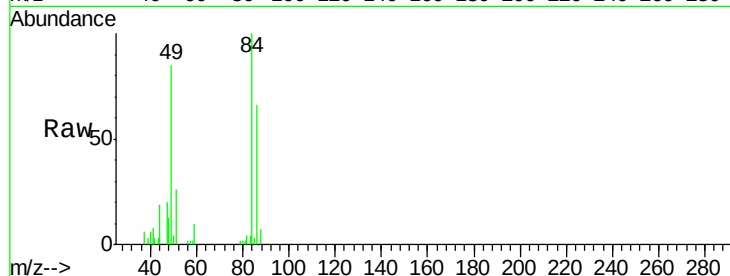




#20
Methylene Chloride
Concen: 0.170 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.00 min
Lab File: VL035628.D
Acq: 16 Sep 2020 13:49

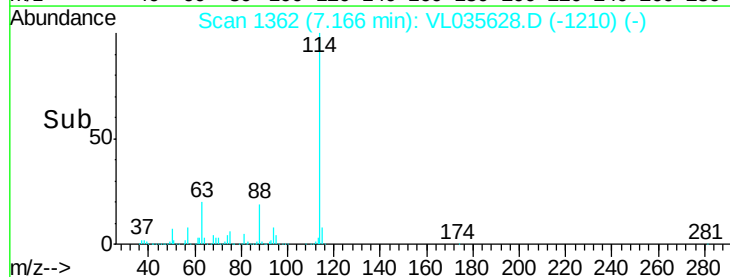
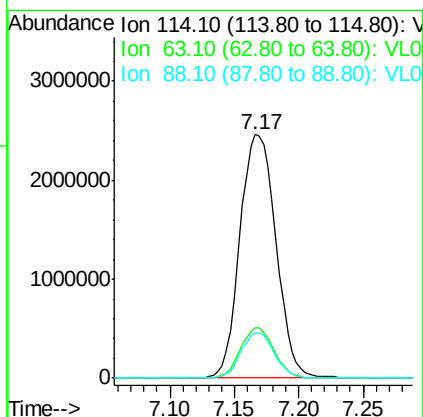
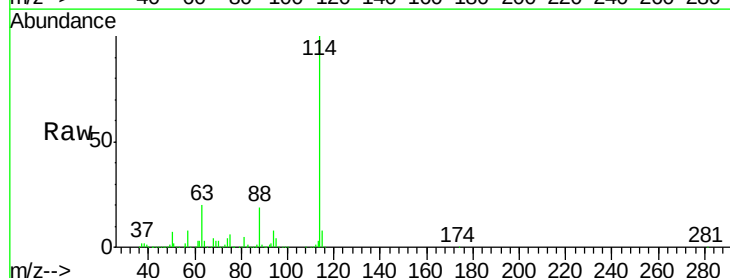
Instrument :
MSVOA_L
ClientSampleId :
VL0916ABL01

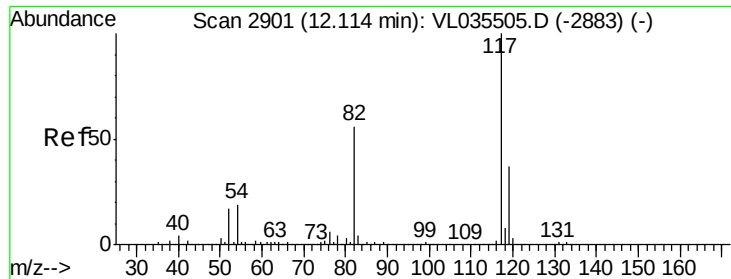
Tot Ion:	84	Resp:	16922
Ion	Ratio	Lower	Upper
84	100		
49	84.6	65.4	98.0
51	26.1	21.5	32.3
86	66.0	52.9	79.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL035628.D
Acq: 16 Sep 2020 13:49

Tgt Ion:	114	Resp:	4797518
Ion	Ratio	Lower	Upper
114	100		
63	19.3	14.7	22.1
88	17.3	13.4	20.2

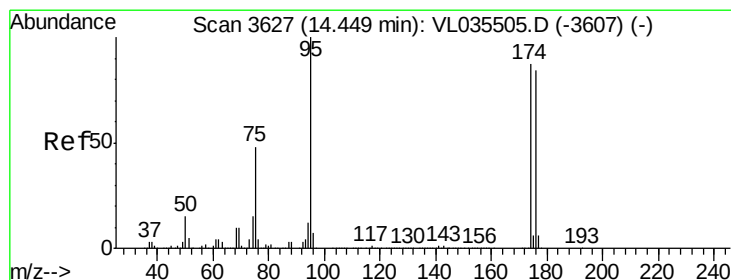
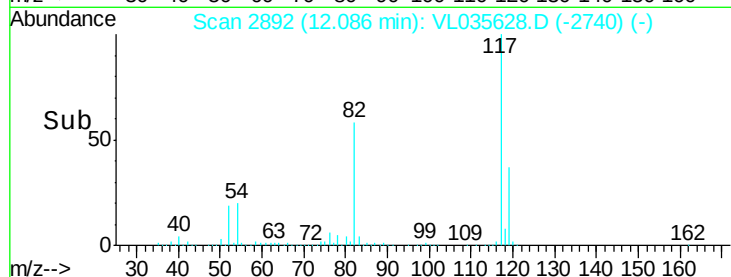
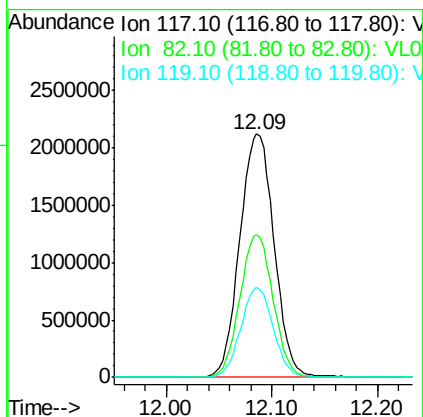
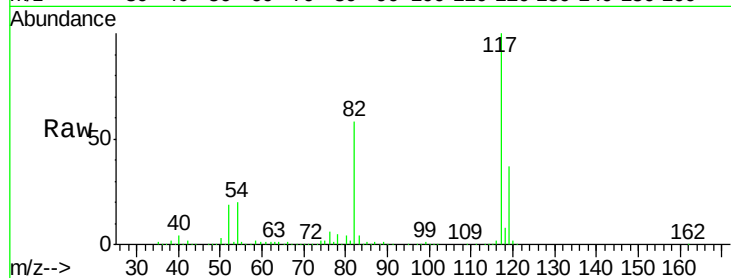




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035628.D
Acq: 16 Sep 2020 13:49

Instrument :
MSVOA_L
ClientSampleId :
VL0916ABL01

Tot Ion:117 Resp: 4808137
Ion Ratio Lower Upper
117 100
82 57.0 41.6 62.4
119 35.2 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.308 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035628.D
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Tgt Ion: 95 Resp: 3519546
Ion Ratio Lower Upper
95 100
174 80.8 69.6 104.4
175 5.8 5.1 7.7

