

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041221\
 Data File : VL036786.D
 Acq On : 12 Apr 2021 10:54
 Operator : SY/AP
 Sample : VL0412ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABL01

Manual Integrations
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apatel
 4/13/2021 10:42:47 AM

Quant Time: Apr 12 18:49:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1447074	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3518409	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2719938	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1659817	7.66	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	76.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	29329m	0.206	ppbv	
20) Methylene Chloride	4.36	84	10020m	0.150	ppbv	

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

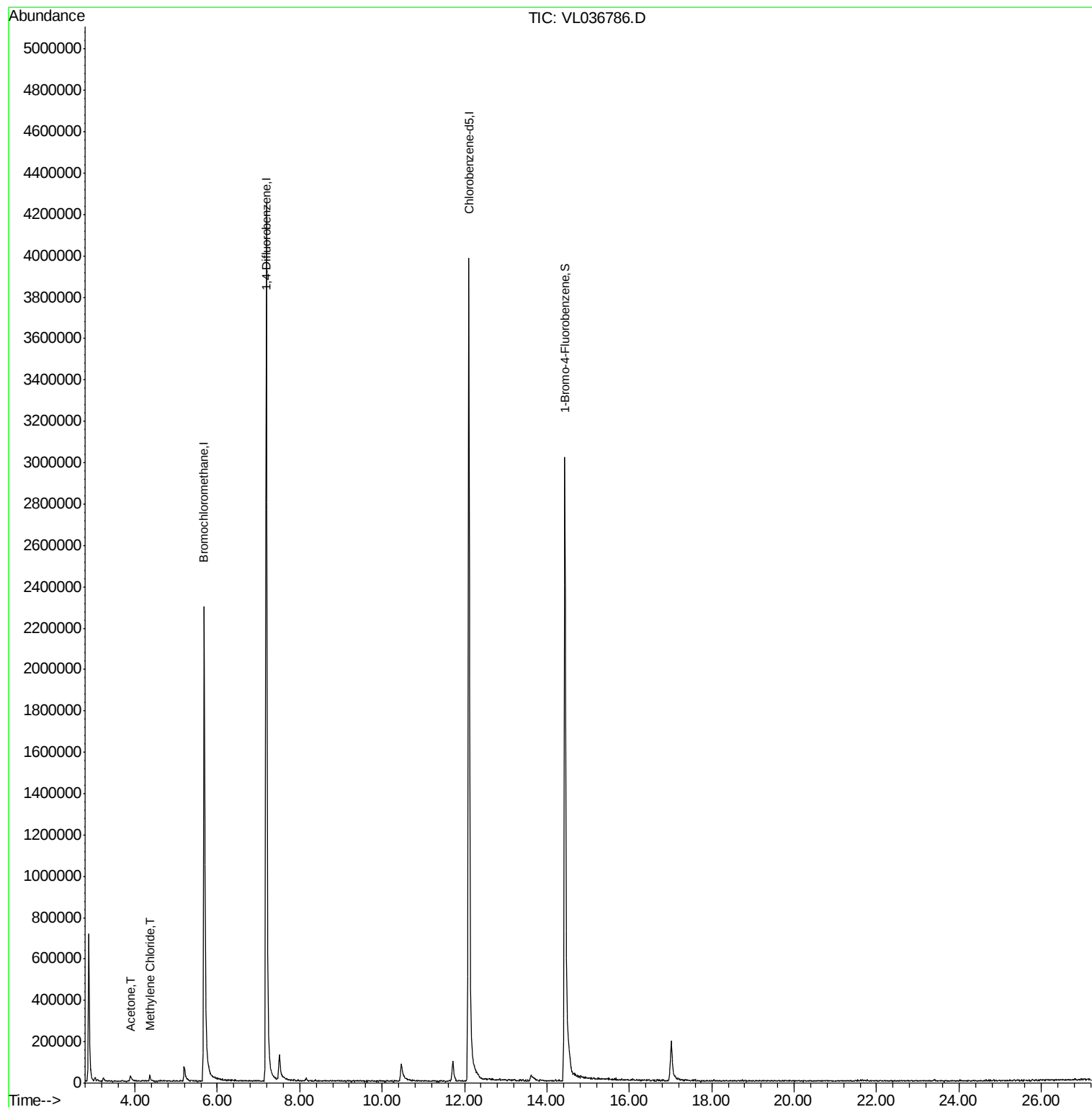
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041221\
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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

Lab File: VL036786.D

Acq: 12 Apr 2021 10:54

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABL01

Tot Ion: 49 Resp: 1447074

Ion Ratio Lower Upper

49 100

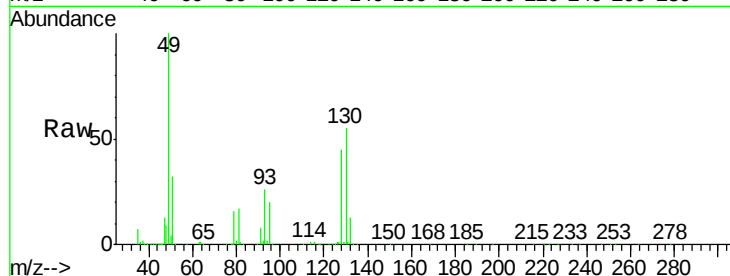
128 47.3 23.5 70.6

130 61.0 29.1 87.4

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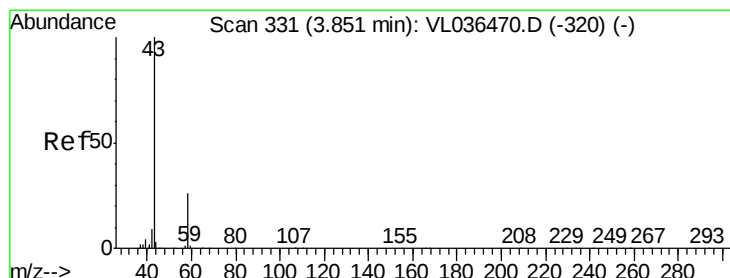
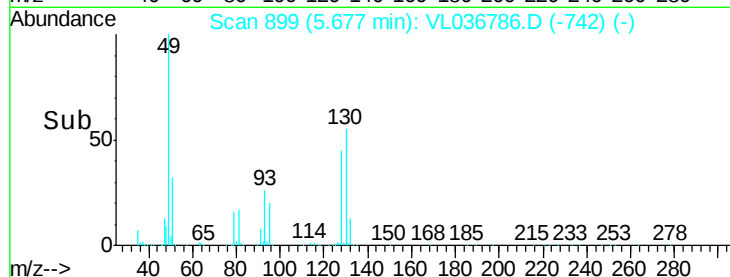
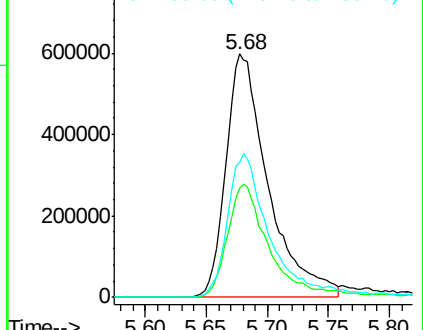
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.206 ppbv m

RT: 3.89 min Scan# 342

Delta R.T. 0.04 min

Lab File: VL036786.D

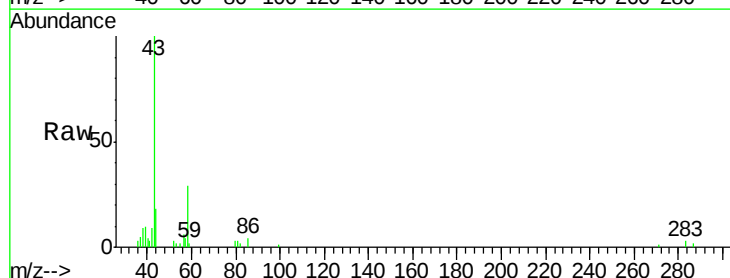
Acq: 12 Apr 2021 10:54

Tgt Ion: 43 Resp: 29329

Ion Ratio Lower Upper

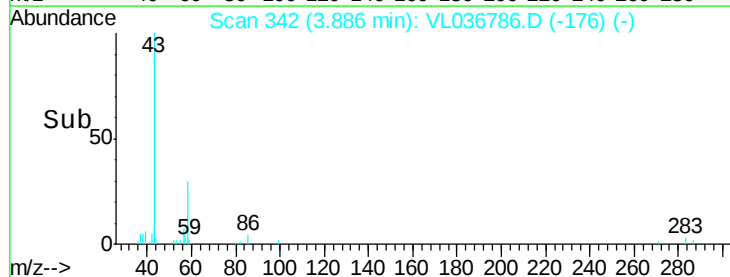
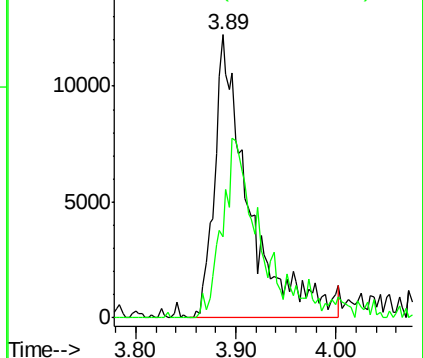
43 100

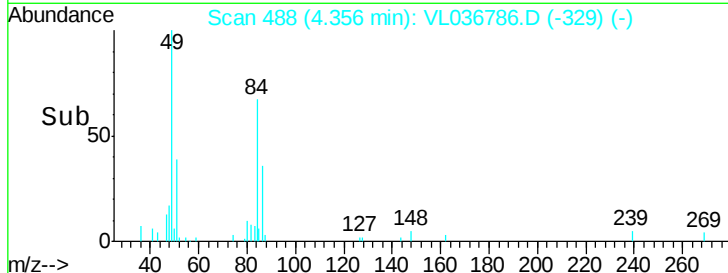
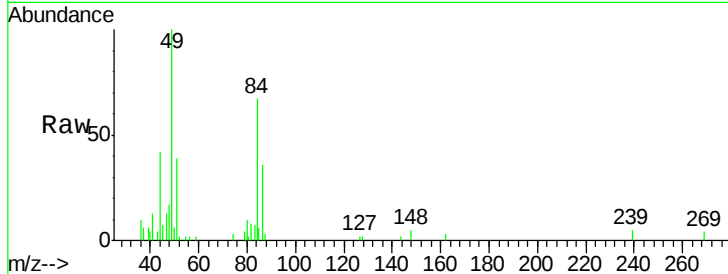
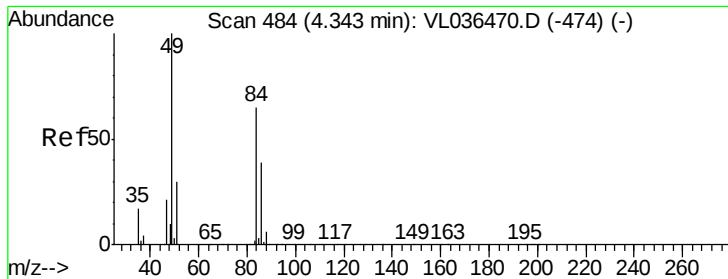
58 0.0 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





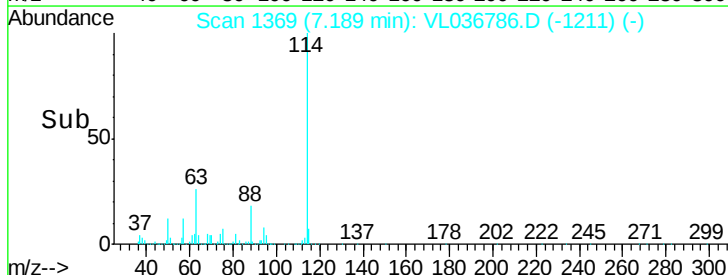
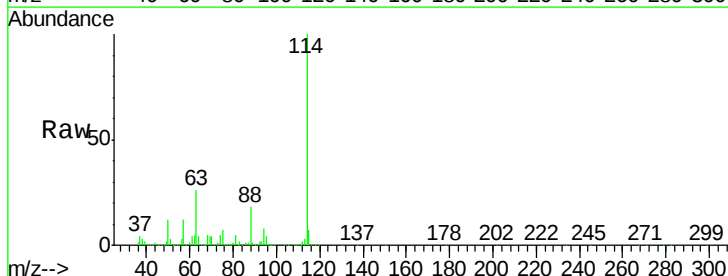
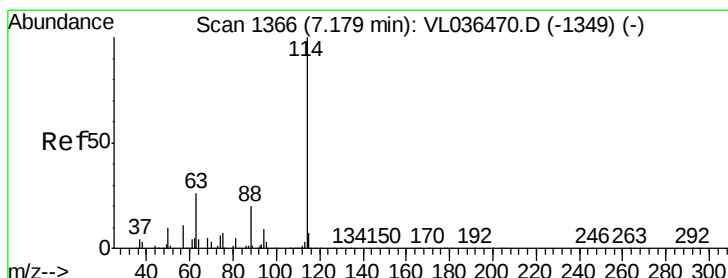
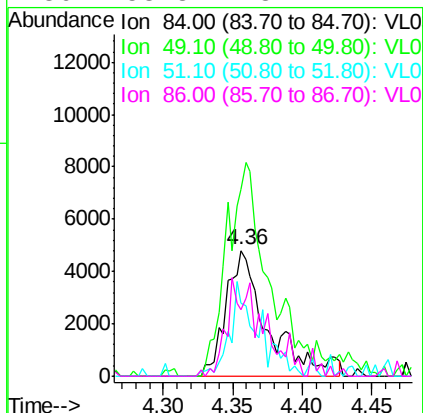
#20
Methvlene Chloride
Concen: 0.150 ppbv m
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL036786.D
Acq: 12 Apr 2021 10:54

Tot Ion	Ratio	Lower	Upper
84	100		
49	148.7	122.9	184.3
51	58.2	36.9	55.3
86	53.3	48.2	72.4

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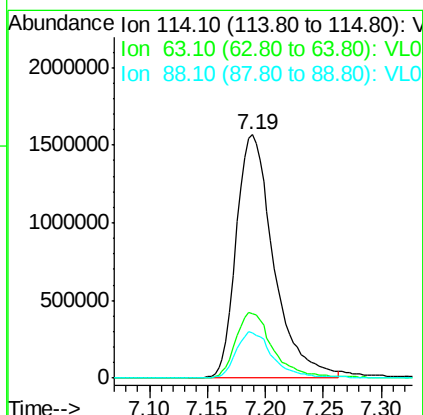
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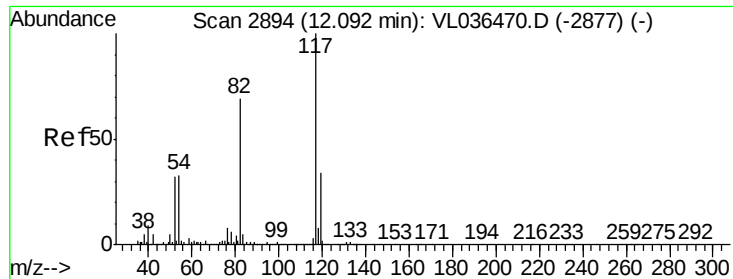
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VL036786.D
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Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.4	33.6
88	19.0	15.4	23.0





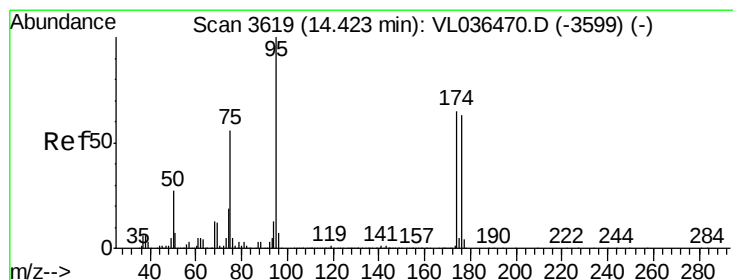
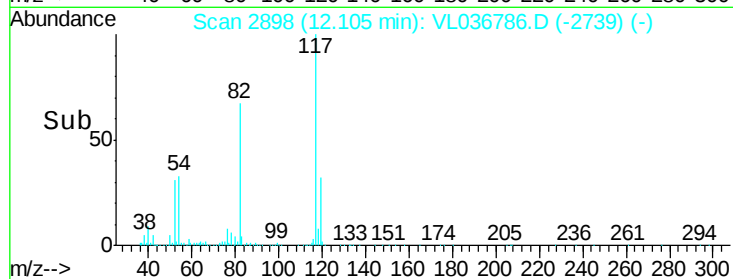
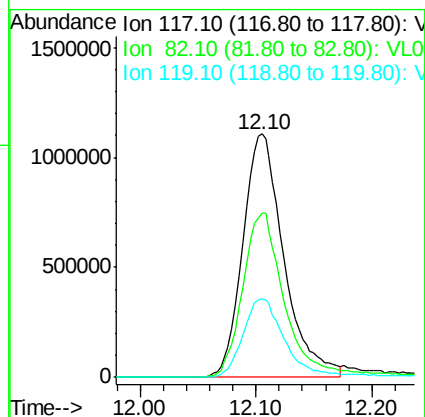
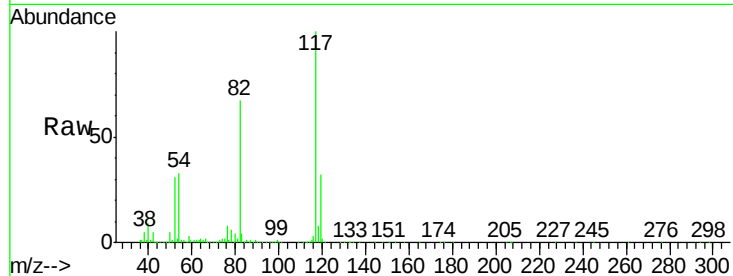
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL036786.D
Acq: 12 Apr 2021 10:54

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.7	57.4	86.0
119	34.6	47.4	71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 7.657 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.01 min
Lab File: VL036786.D
Acq: 12 Apr 2021 10:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.7	51.0	76.6
175	4.9	3.9	5.9

