

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036824.D
 Acq On : 20 Apr 2021 16:36
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021

Quant Time: Apr 21 12:33:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 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	1252359	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3129093	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2734652	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1959112	8.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	64953m	0.527	ppbv	
20) Methylene Chloride	4.35	84	44301m	0.768	ppbv	

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

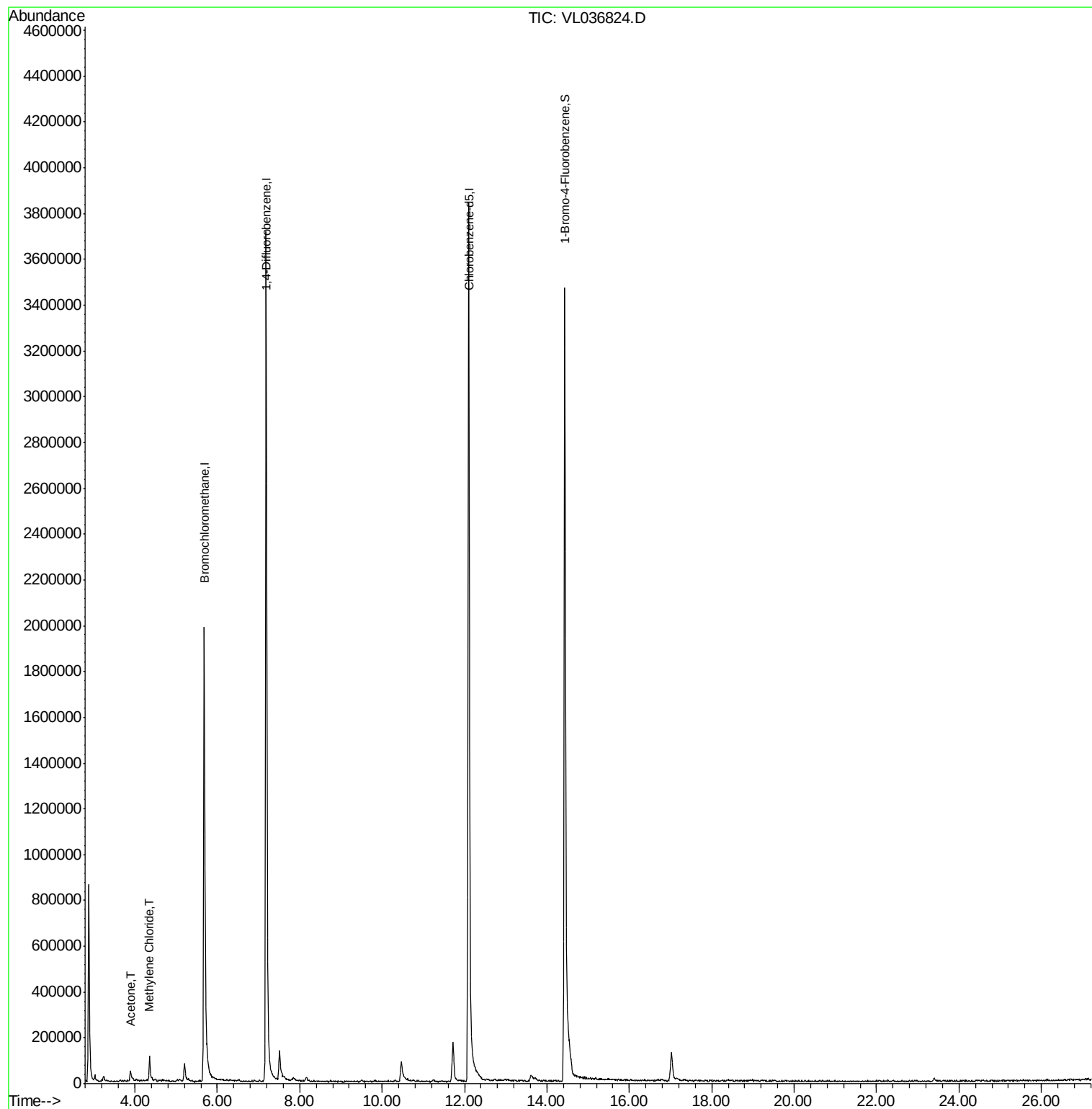
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL042021\
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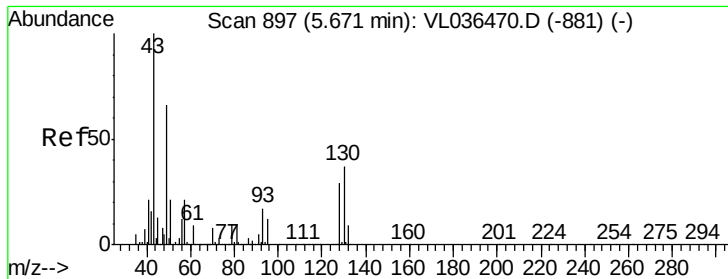
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VIBLK

Acq: 20 Apr 2021 16:36

Tot Ion:

Ion Ratio

49 100

128 47.

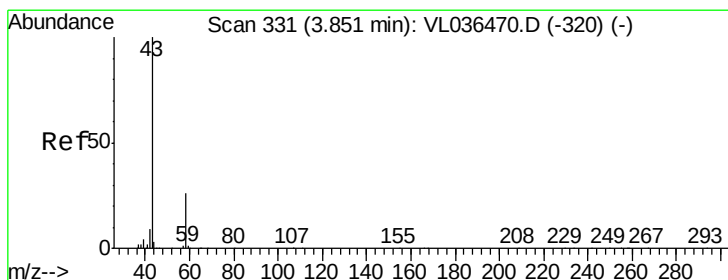
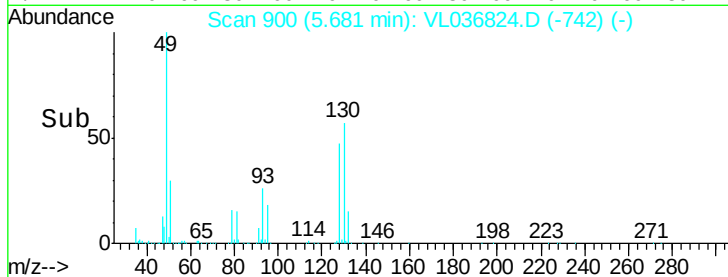
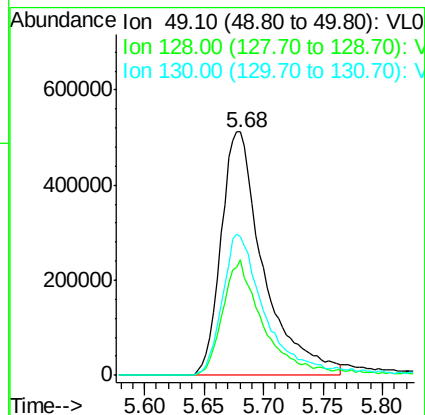
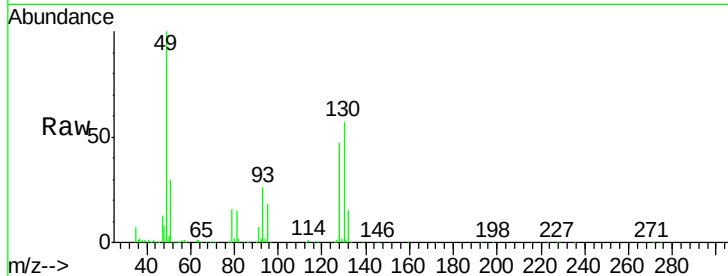
130 60.

Manual Integrations

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#15

Acetone

Concen: 0.527 ppbv m

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL036824.D

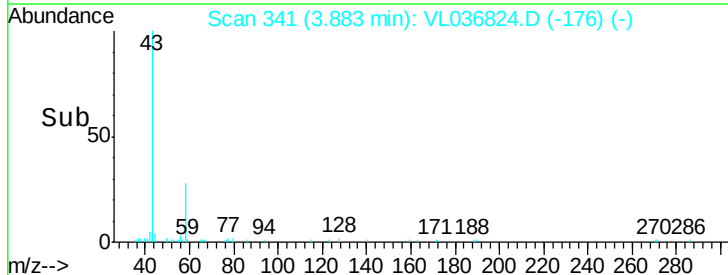
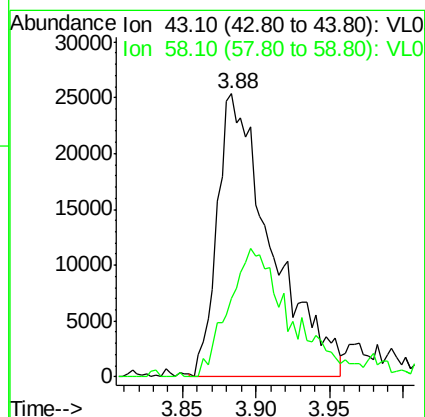
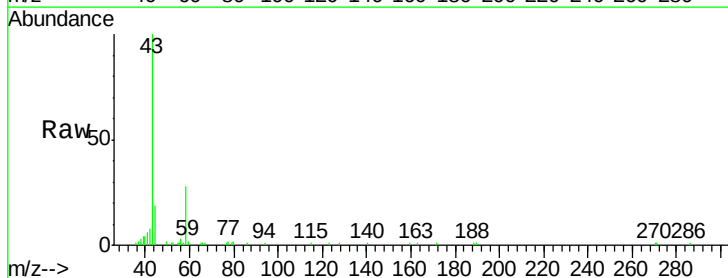
Acq: 20 Apr 2021 16:36

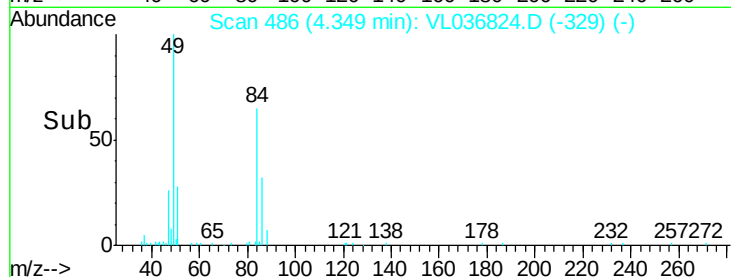
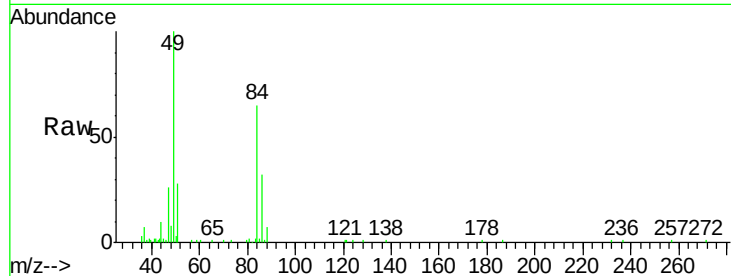
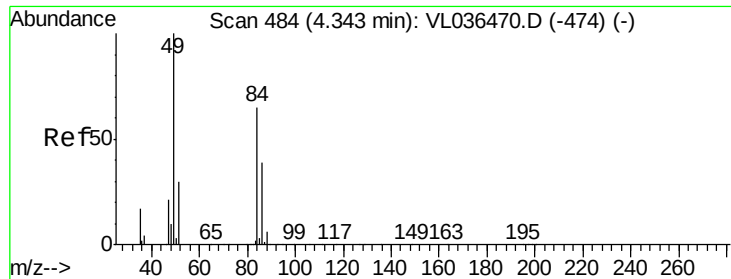
Tgt Ion: 43 Resp: 64953

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



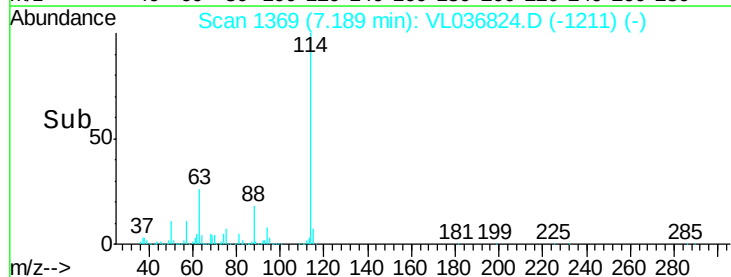
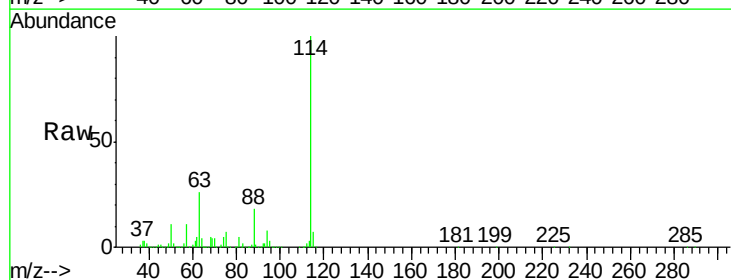
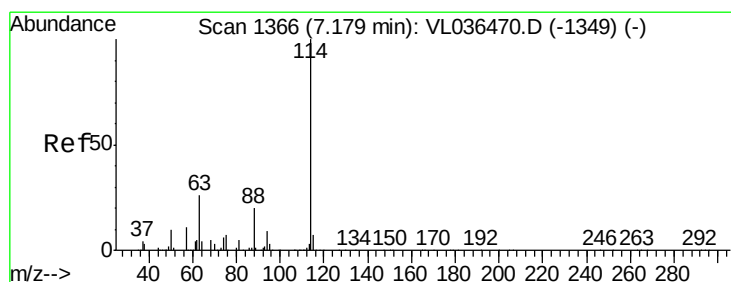
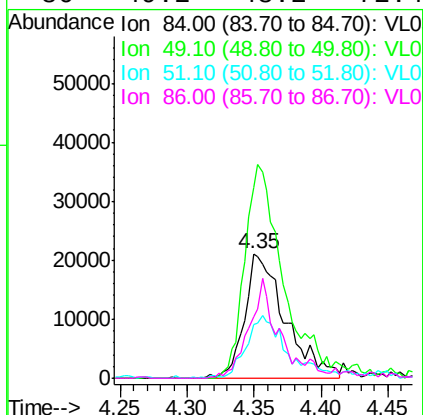


#20
Methylene Chloride
Concen: 0.768 ppbv m
RT: 4.35
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 16:36

Tot Ion:
Ion Ratio
84 100
49 152.
51 42.
86 49.2 48.2 72.4

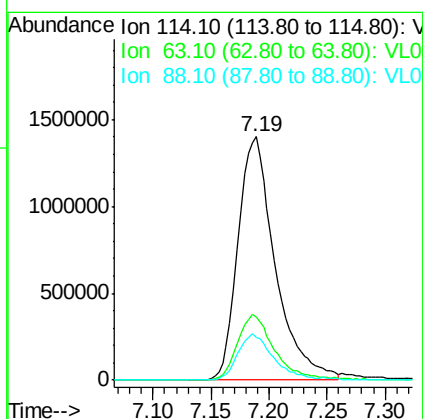
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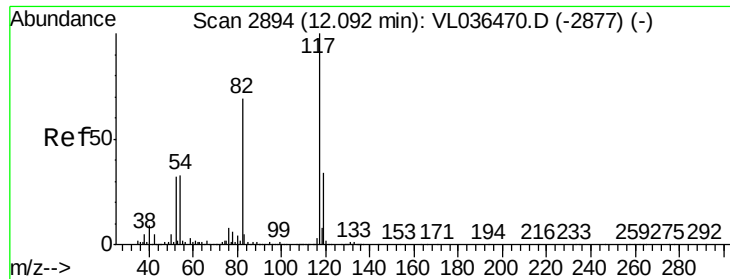
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Supervised By :Mahesh Dadoda 04/21/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VL036824.D
Acq: 20 Apr 2021 16:36

Tgt Ion:114 Resp: 3129093
Ion Ratio Lower Upper
114 100
63 27.2 22.4 33.6
88 19.0 15.4 23.0



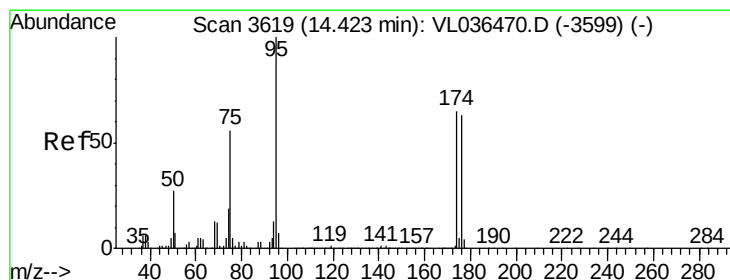
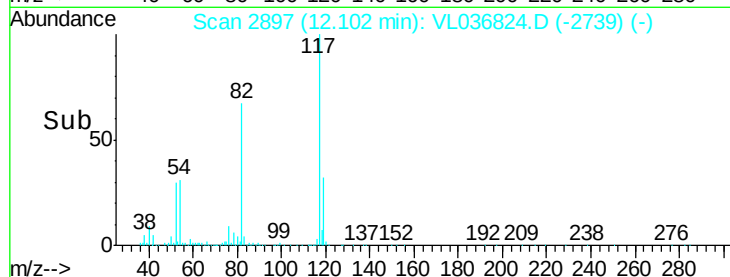
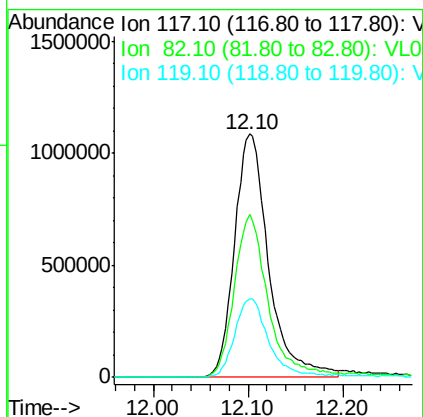
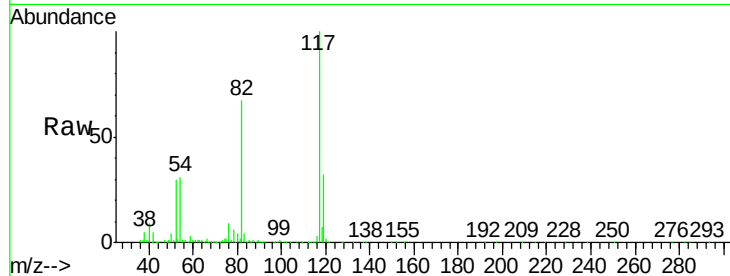


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 16:36

Tot Ion: 1
Ion Ratio
117 100
82 69.
119 33.

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#68
1-Bromo-4-Fluorobenzene
Concen: 8.989 ppbv
RT: 14.43 min Scan# 3622
Delta R.T.: 0.01 min
Lab File: VL036824.D
Acq: 20 Apr 2021 16:36

Tgt Ion: 95 Resp: 1959112
Ion Ratio Lower Upper
95 100
174 67.9 51.0 76.6
175 4.9 3.9 5.9

