

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\
 Data File : VL036397.D
 Acq On : 26 Feb 2021 11:23
 Operator : SY/AP
 Sample : VL0226ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABL01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:08:20 AM

Quant Time: Feb 27 03:26:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1516139	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	3261940	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2898386	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2440573	10.23	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	50532m	0.273	ppbv	
20) Methylene Chloride	4.32	84	12766m	0.214	ppbv	

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

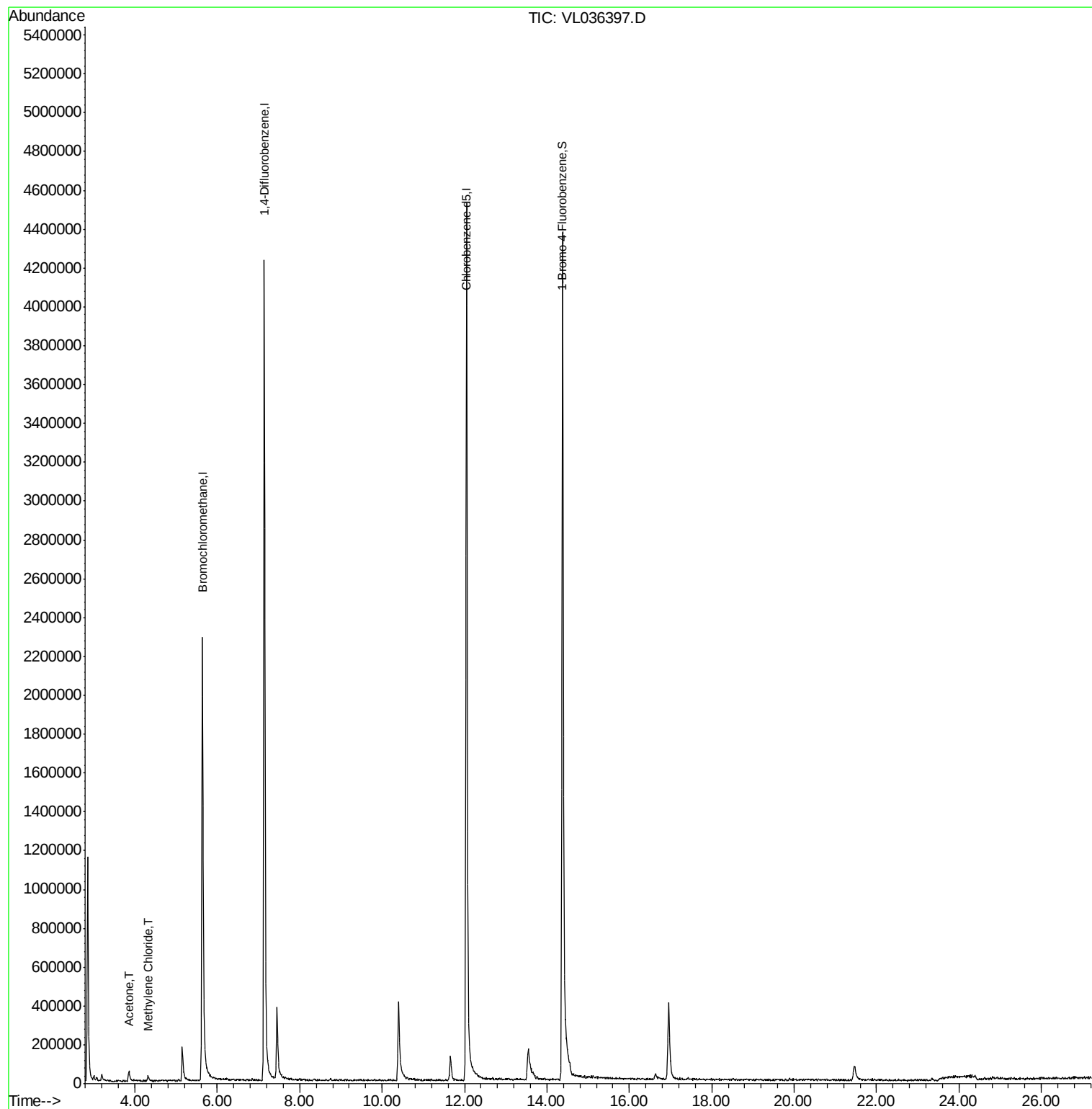
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\
Data File : VL036397.D
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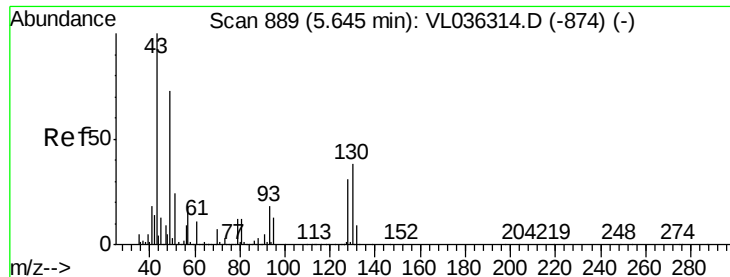
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABL01

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Quant Time: Feb 27 03:26:03 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.01 min

Lab File: VL036397.D

Acq: 26 Feb 2021 11:23

Instrument :

MSVOA_L

ClientSampleId :

VL0226ABL01

Tot Ion: 49 Resp: 1516139

Ion Ratio Lower Upper

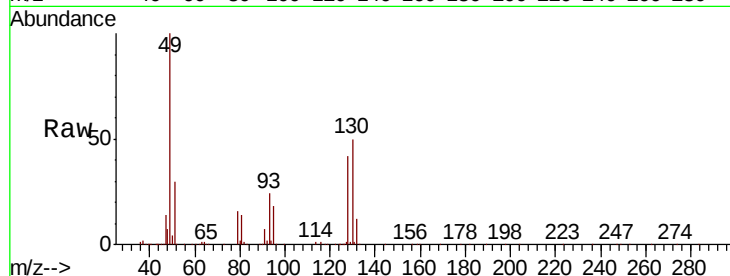
49 100

128 42.1 20.8 62.5

130 53.8 26.7 80.1

Manual Integrations
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

800000

600000

400000

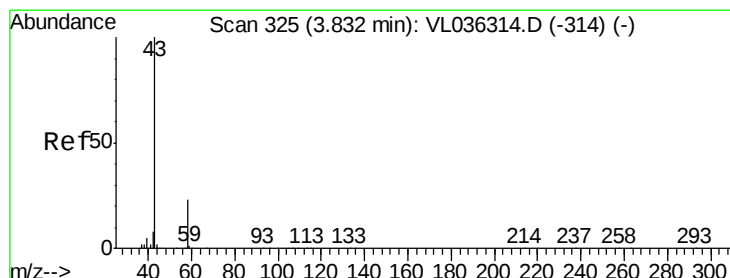
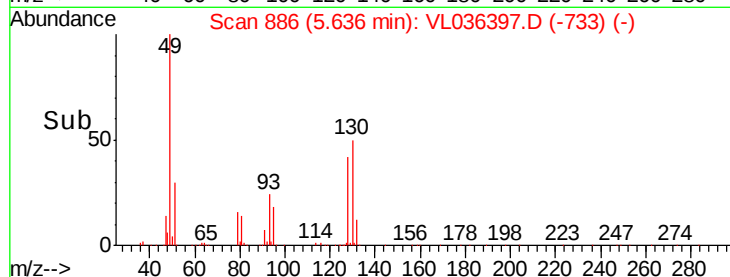
200000

0

5.55 5.60 5.65 5.70 5.75

5.64

Time-->



#15

Acetone

Concen: 0.273 ppbv m

RT: 3.85 min Scan# 331

Delta R.T. 0.02 min

Lab File: VL036397.D

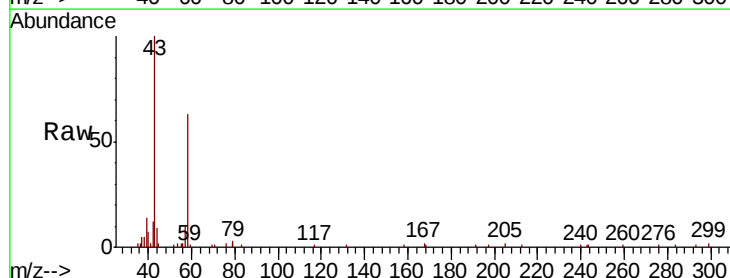
Acq: 26 Feb 2021 11:23

Tgt Ion: 43 Resp: 50532

Ion Ratio Lower Upper

43 100

58 0.0 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

25000

20000

15000

10000

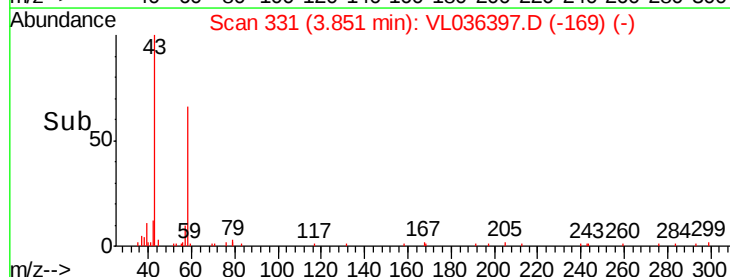
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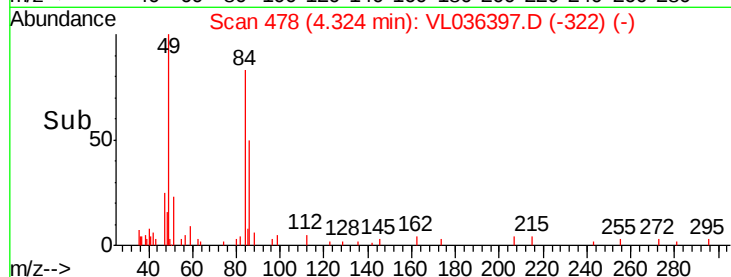
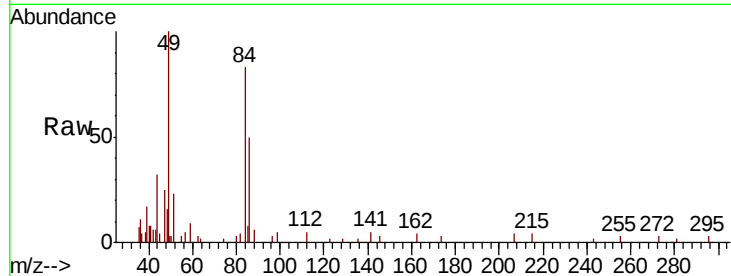
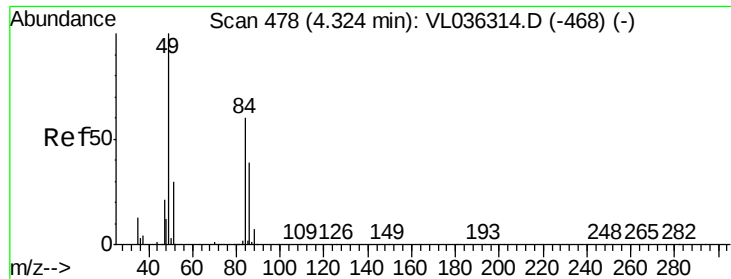
0

3.80 3.85 3.90

3.85

Time-->





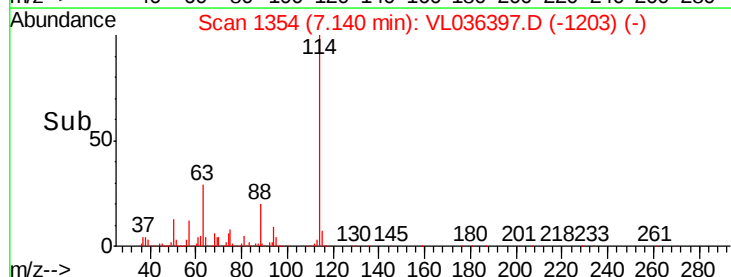
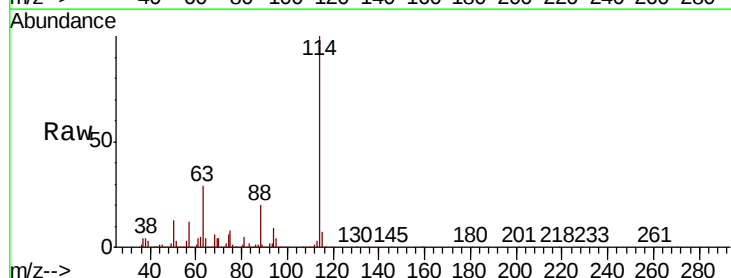
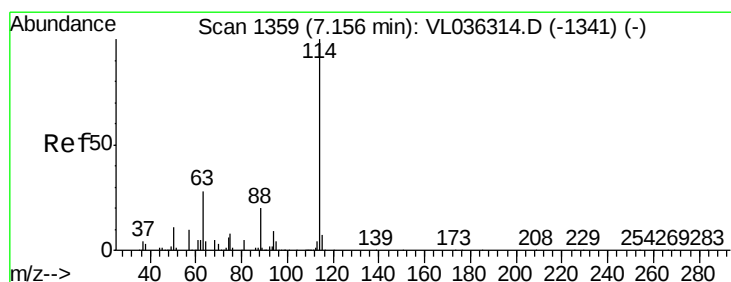
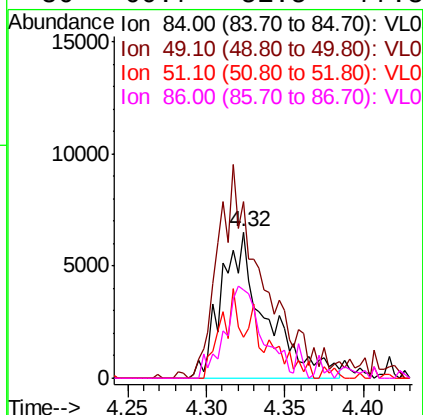
#20
Methylene Chloride
Concen: 0.214 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.00 min
Lab File: VL036397.D
Acq: 26 Feb 2021 11:23

Tot Ion	Ratio	Lower	Upper
84	100		
49	120.7	133.8	200.8#
51	27.7	41.4	62.0#
86	60.7	51.5	77.3

Instrument :
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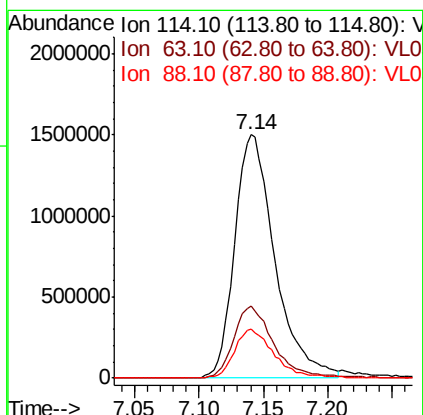
Manual Integrations
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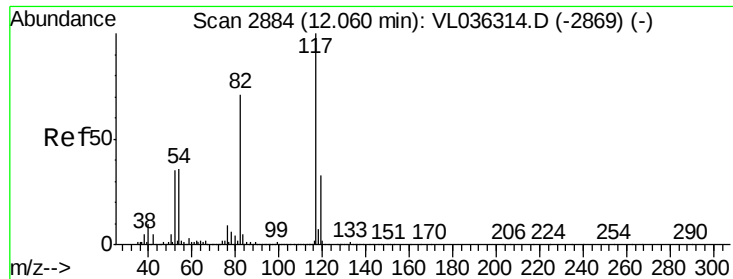
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.02 min
Lab File: VL036397.D
Acq: 26 Feb 2021 11:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.1	36.1
88	20.2	16.0	24.0





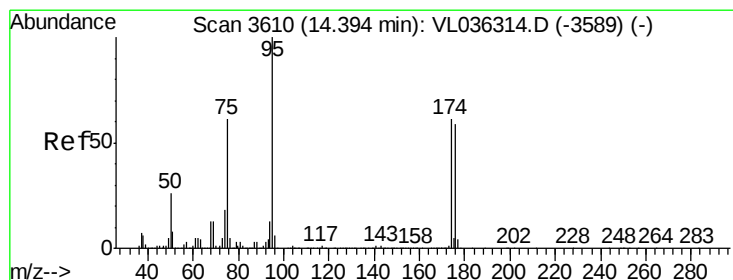
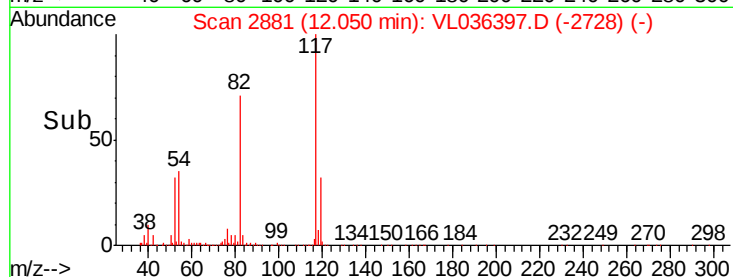
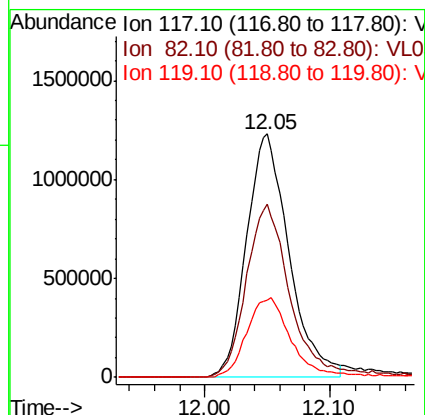
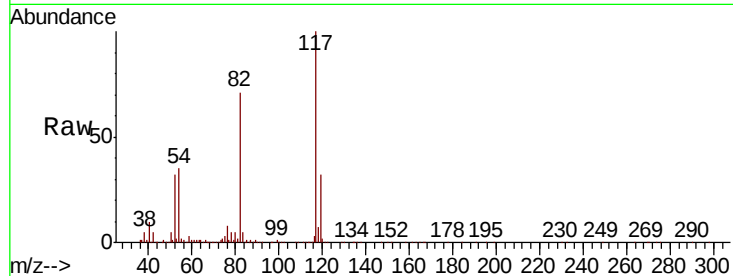
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2881
Delta R.T. -0.01 min
Lab File: VL036397.D
Acq: 26 Feb 2021 11:23

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	74.5	59.1	88.7
119	34.6	46.3	69.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.234 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.01 min
Lab File: VL036397.D
Acq: 26 Feb 2021 11:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	62.8	49.8	74.6
175	4.5	3.7	5.5

