

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034793.D
 Acq On : 5 Mar 2020 12:49
 Operator : SY/AP
 Sample : OC022420 CAN 10401
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022420 CAN 10401

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:18:38 AM

Quant Time: Mar 06 05:01:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1114619	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	2284007	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.11	117	2202495	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1854731	10.10	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds					Ovalue
15) Acetone	3.83	43	24259m	0.182	ppbv
20) Methylene Chloride	4.32	84	14890m	0.313	ppbv

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

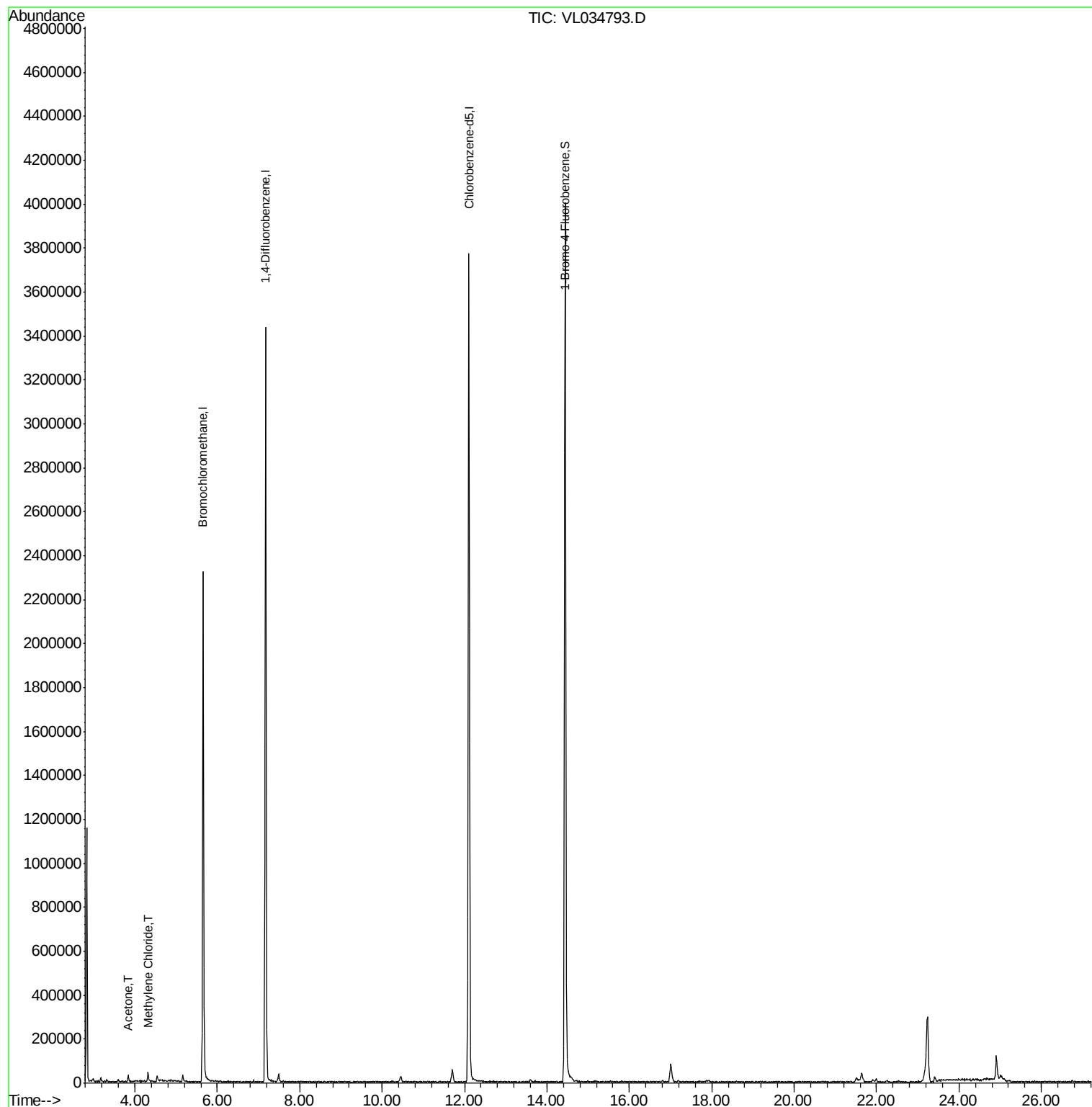
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030520\
Data File : VL034793.D
Acq On : 5 Mar 2020 12:49
Operator : SY/AP
Sample : OC022420 CAN 10401
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

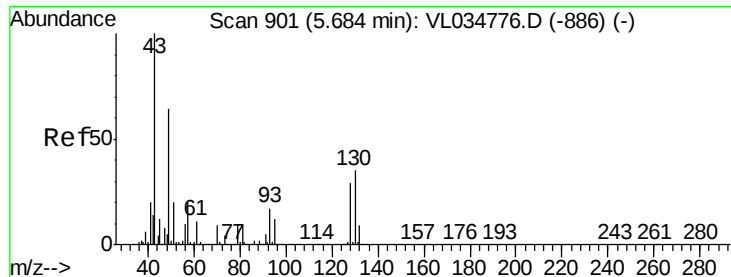
Instrument :
MSVOA_L
ClientSampleId :
QC022420 CAN 10401

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Quant Time: Mar 06 05:01:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.03 min

Lab File: VL034793.D

Acq: 5 Mar 2020 12:49

Instrument :

MSVOA_L

ClientSampleId :

QC022420 CAN 10401

Tot Ion: 49 Resp: 1114619

Ion Ratio Lower Upper

49 100

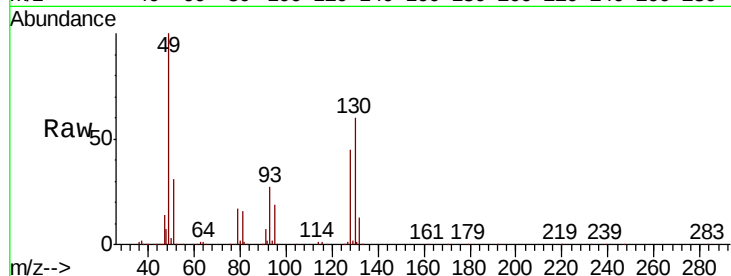
128 44.4 21.6 64.6

130 56.9 27.4 82.2

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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

800000

600000

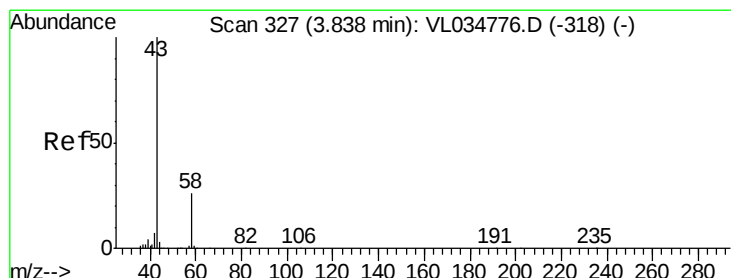
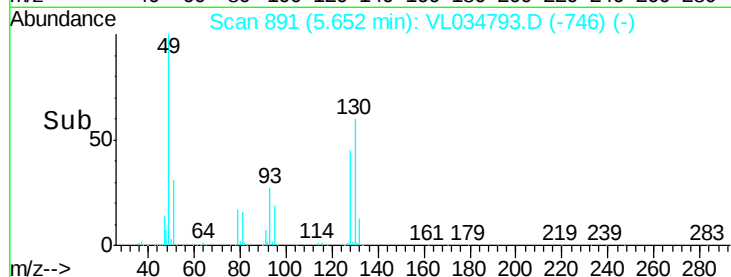
400000

200000

0

5.55 5.60 5.65 5.70 5.75

Time-->



#15

Acetone

Concen: 0.182 ppbv m

RT: 3.83 min Scan# 326

Delta R.T. -0.00 min

Lab File: VL034793.D

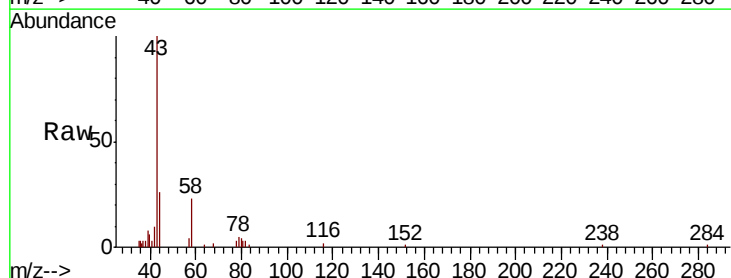
Acq: 5 Mar 2020 12:49

Tgt Ion: 43 Resp: 24259

Ion Ratio Lower Upper

43 100

58 48.7 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

20000

15000

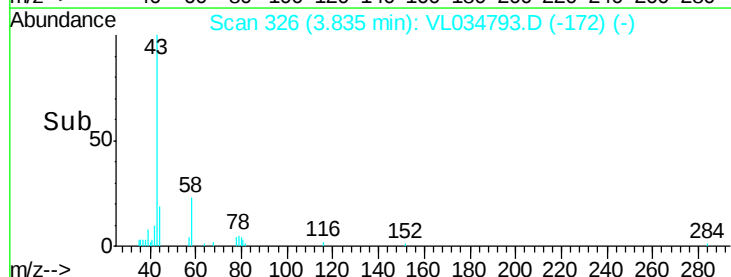
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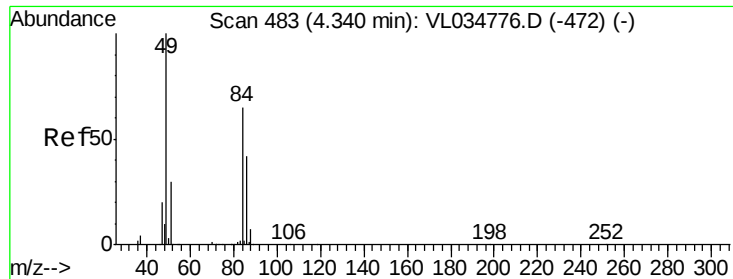
5000

0

3.80 3.85

Time-->





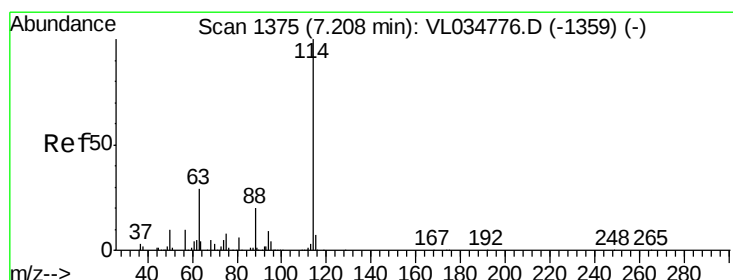
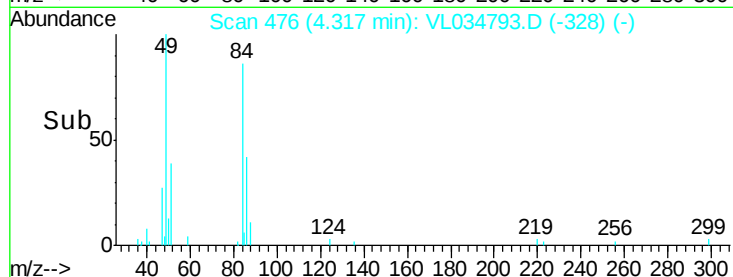
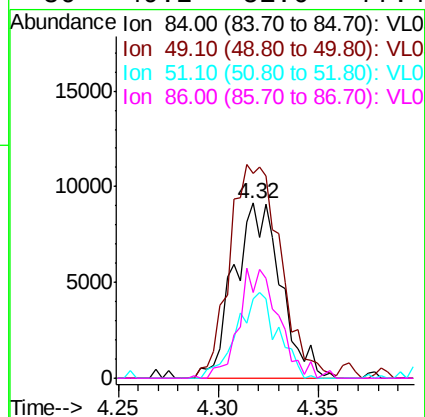
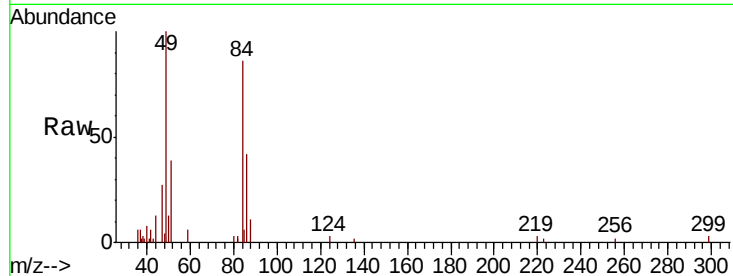
#20
Methvlene Chloride
Concen: 0.313 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.02 min
Lab File: VL034793.D
Acq: 5 Mar 2020 12:49

Instrument :
MSVOA_L
ClientSampleId :
QC022420 CAN 10401

Tot Ion	Ratio	Lower	Upper
84	100		
49	116.9	123.2	184.8#
51	45.4	37.4	56.2
86	49.2	51.6	77.4#

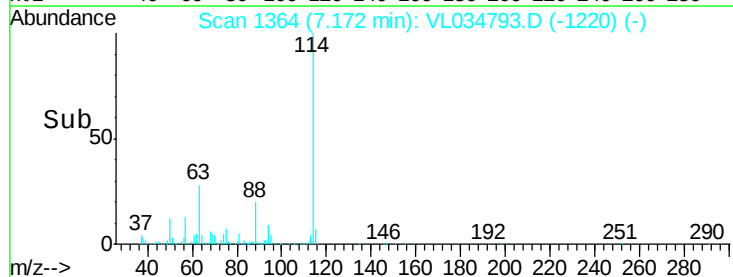
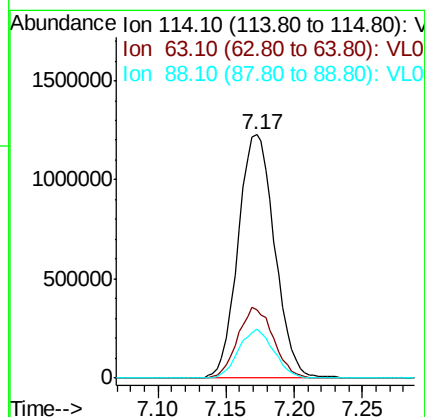
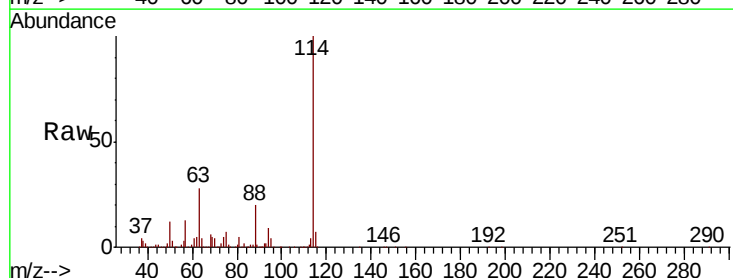
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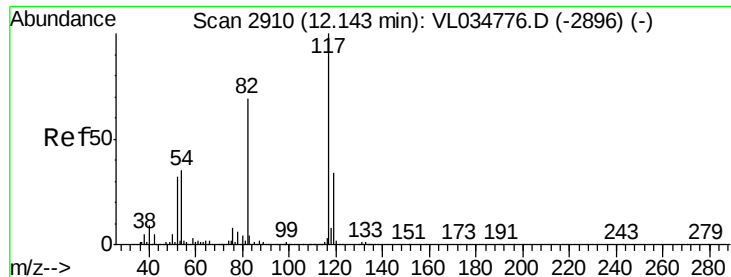
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.04 min
Lab File: VL034793.D
Acq: 5 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.6	23.6	35.4
88	19.5	15.8	23.8





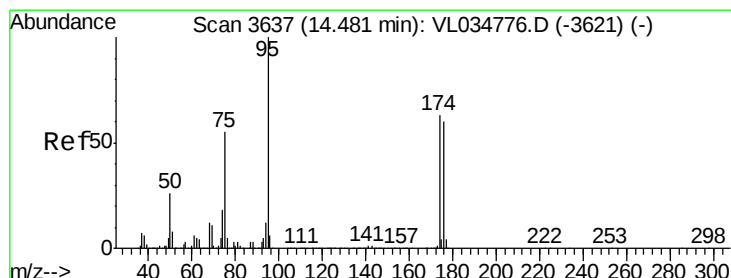
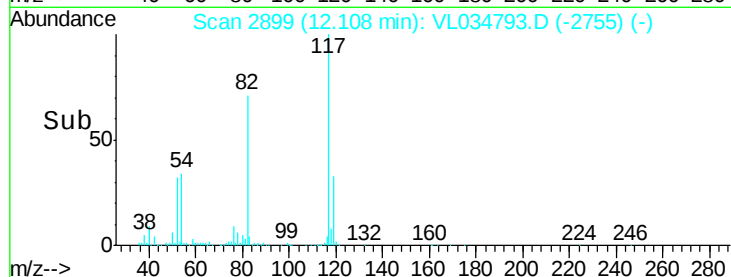
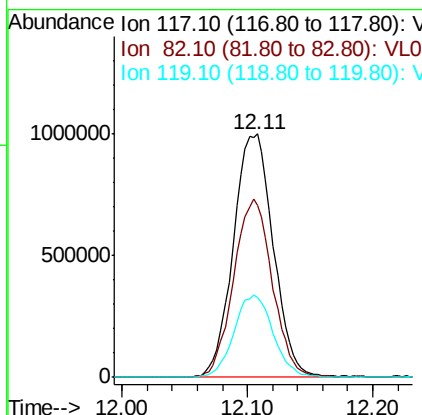
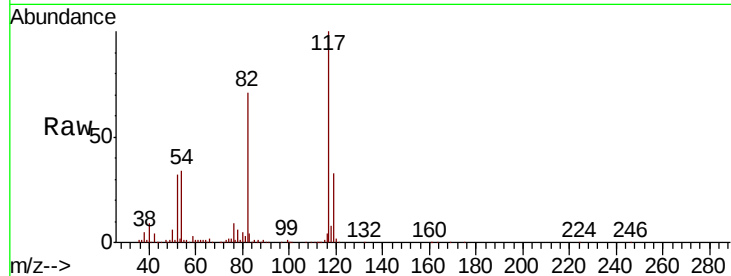
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.04 min
Lab File: VL034793.D
Acq: 5 Mar 2020 12:49

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	71.8	53.9	80.9
119	33.4	25.0	37.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.099 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.04 min
Lab File: VL034793.D
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Tgt Ion	Ratio	Lower	Upper
95	100		
174	62.9	50.6	76.0
175	4.5	3.8	5.6

