

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\
Quantitation Report (Not Reviewed)

Data File : VL036132.D
Acq On : 10 Dec 2020 15:50
Operator : SY/AP
Sample : VL1210ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABL01

Quant Time: Dec 11 03:28:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1361373	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	2801009	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	2489700	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2121638	10.73	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.30%

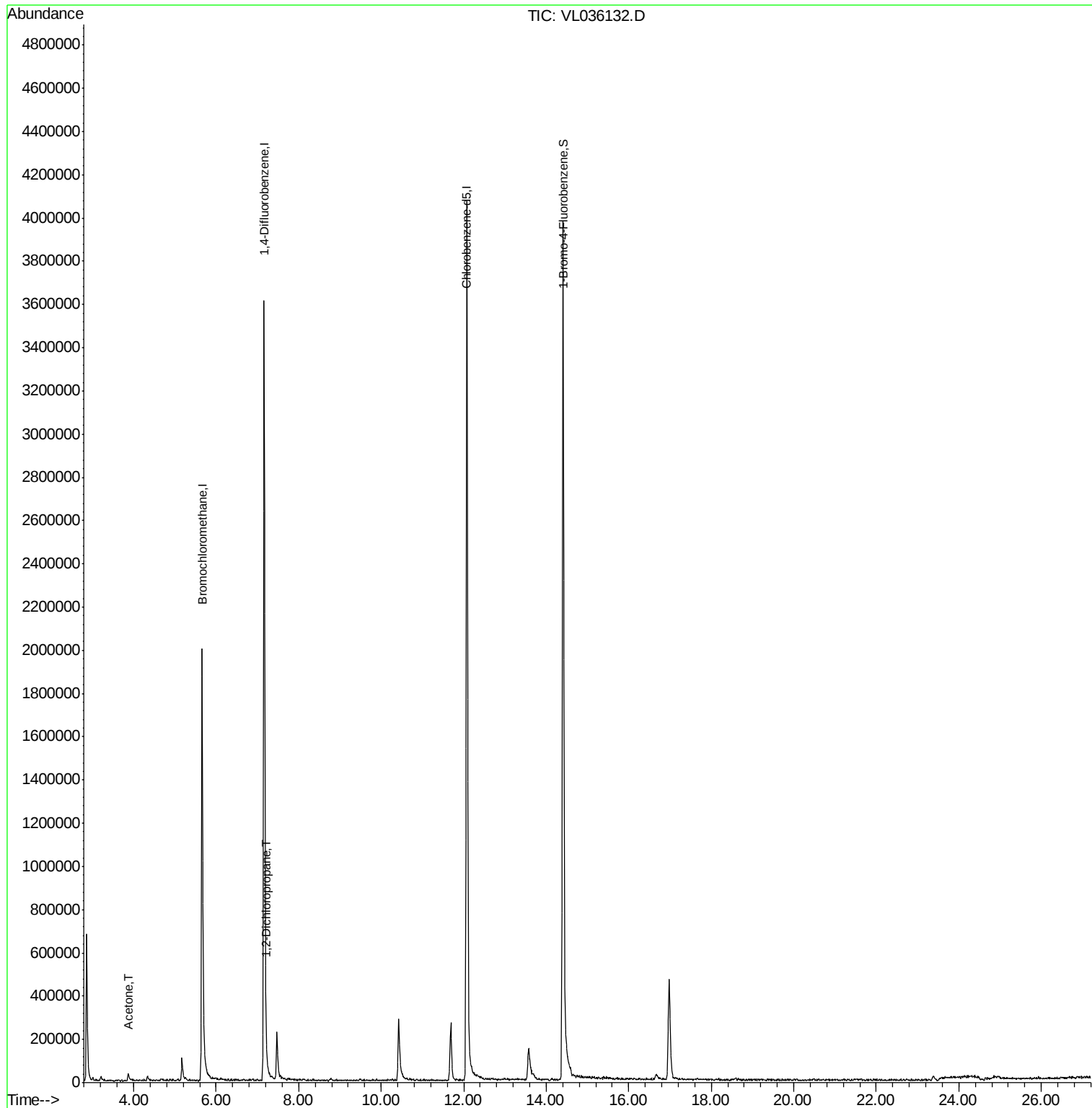
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.86	43	20987	0.128	ppbv #	1
39) 1,2-Dichloropropane	7.21	63	13837	0.148	ppbv #	21

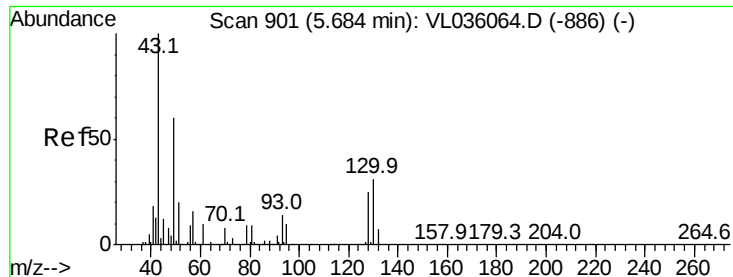
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.03 min

Lab File: VL036132.D

Acq: 10 Dec 2020 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1210ABL01

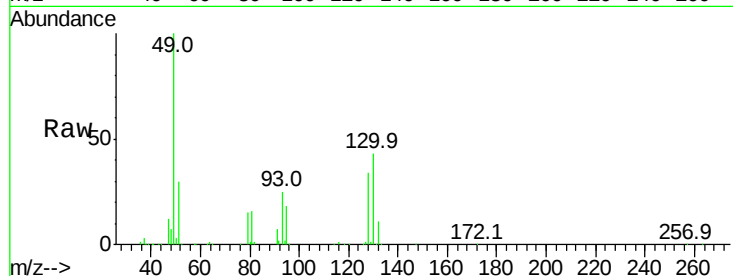
Tgt Ion: 49 Resp: 1361373

Ion Ratio Lower Upper

49 100

128 35.4 21.1 63.1

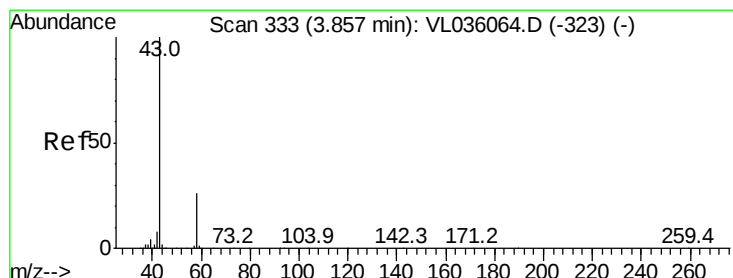
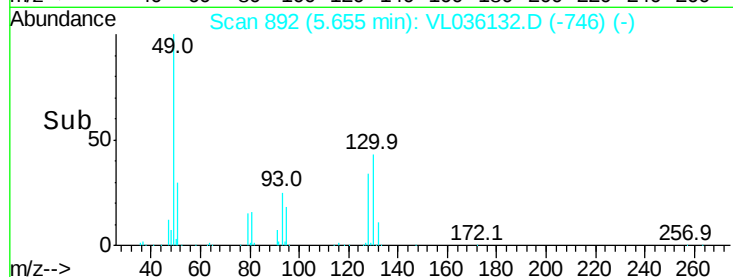
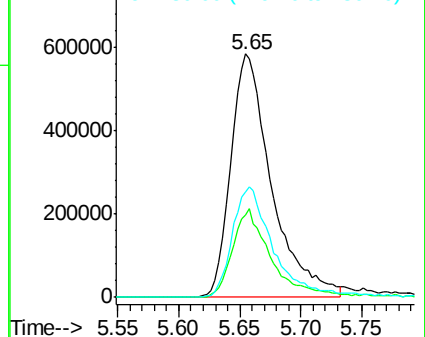
130 47.1 27.1 81.3



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: 0.128 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.00 min

Lab File: VL036132.D

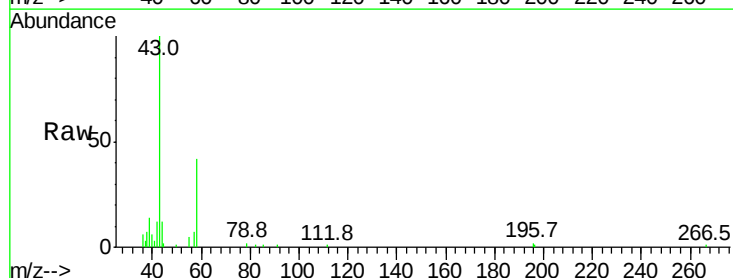
Acq: 10 Dec 2020 15:50

Tgt Ion: 43 Resp: 20987

Ion Ratio Lower Upper

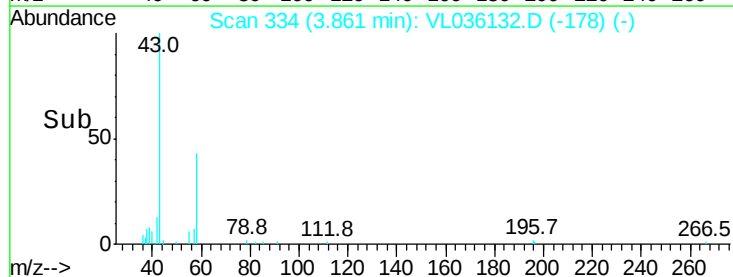
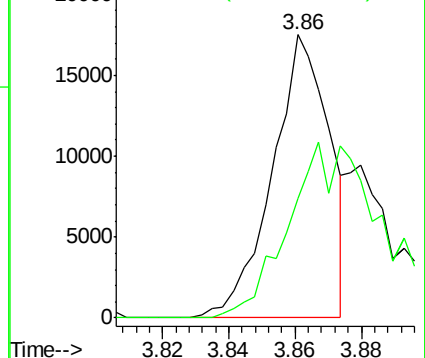
43 100

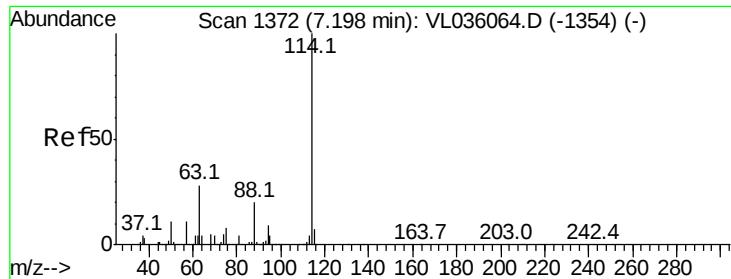
58 119.2 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

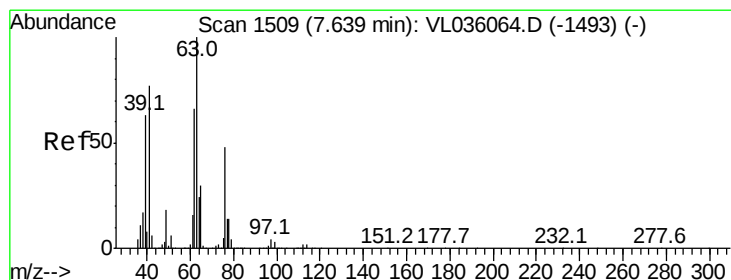
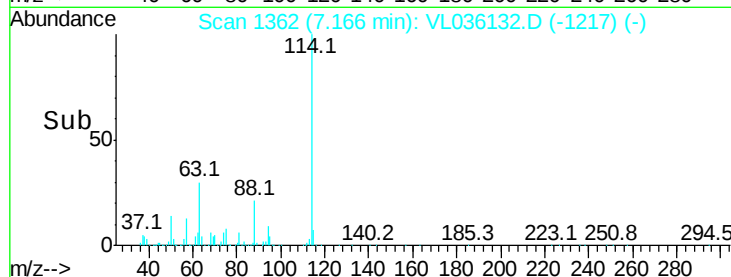
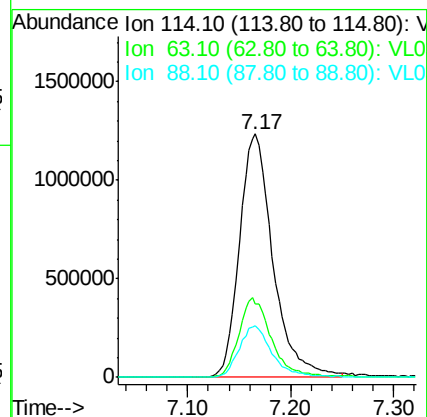
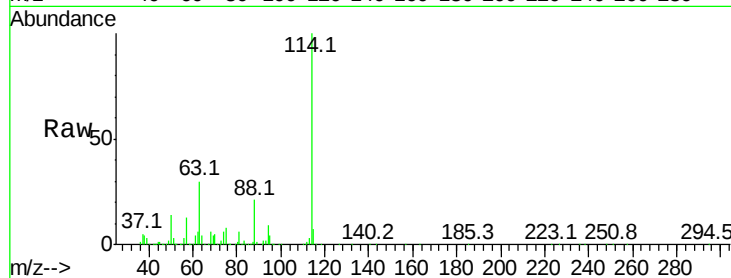




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.03 min
 Lab File: VL036132.D
 Acq: 10 Dec 2020 15:50

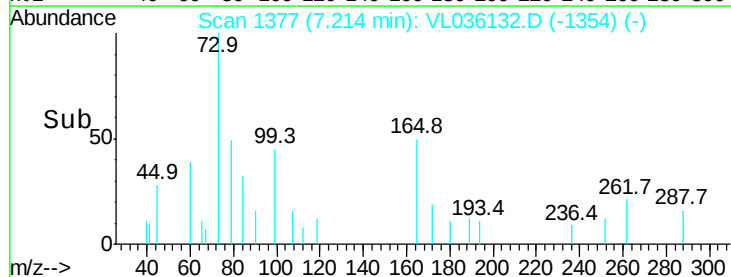
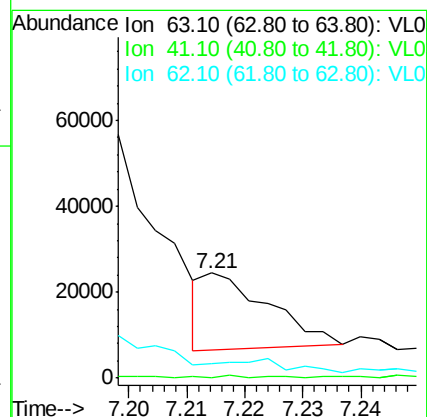
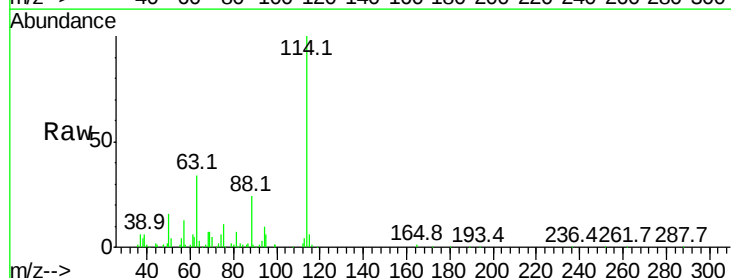
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1210ABL01

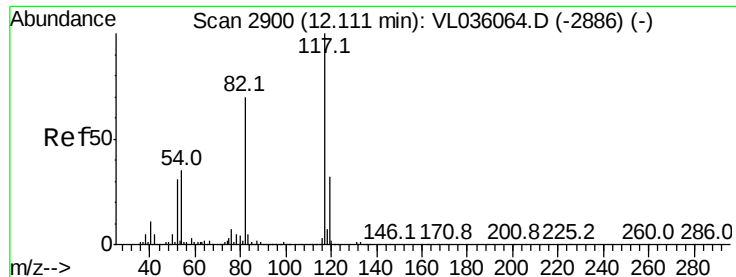
Tgt Ion: 114 Resp: 2801009
 Ion Ratio Lower Upper
 114 100
 63 32.2 23.6 35.4
 88 21.0 15.8 23.6



#39
 1,2-Dichloropropane
 Concen: 0.148 ppbv
 RT: 7.21 min Scan# 1377
 Delta R.T. -0.42 min
 Lab File: VL036132.D
 Acq: 10 Dec 2020 15:50

Tgt Ion: 63 Resp: 13837
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.9 92.9#
 62 12.2 52.5 78.7#

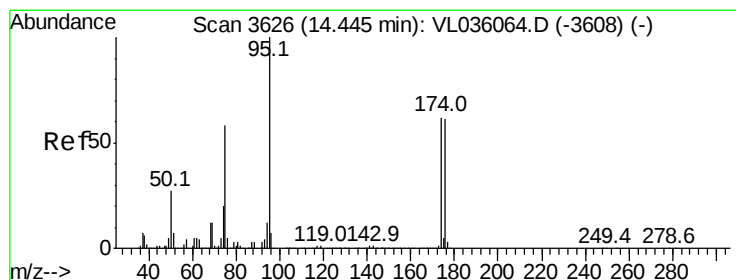
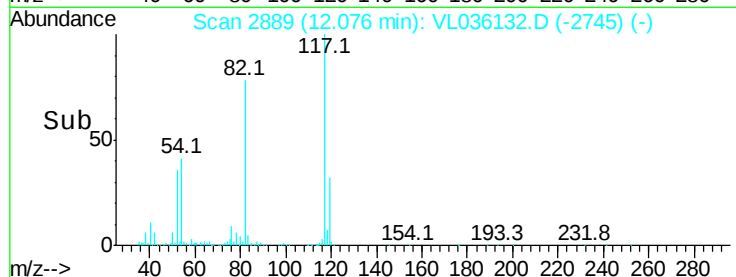
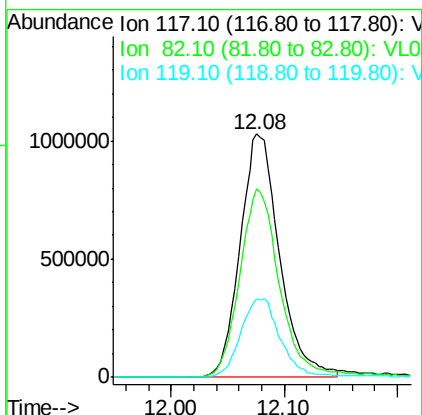
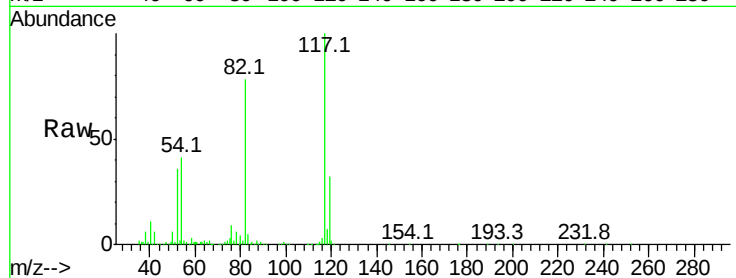




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.04 min
Lab File: VL036132.D
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Tgt Ion: 117 Resp: 2489700
Ion Ratio Lower Upper
117 100
82 80.1 0.0 0.0#
119 32.6 0.0 0.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.732 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.04 min
Lab File: VL036132.D
Acq: 10 Dec 2020 15:50

Tgt Ion: 95 Resp: 2121638
Ion Ratio Lower Upper
95 100
174 56.5 50.7 76.1
175 3.9 4.0 6.0#

