

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051821\
 Data File : VL036970.D
 Acq On : 18 May 2021 15:43
 Operator : SY/AP
 Sample : OC051321 CAN 10602
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC051321 CAN 10602

Quant Time: May 19 03:13:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1235278	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3600110	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3287193	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2354511	9.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.30%

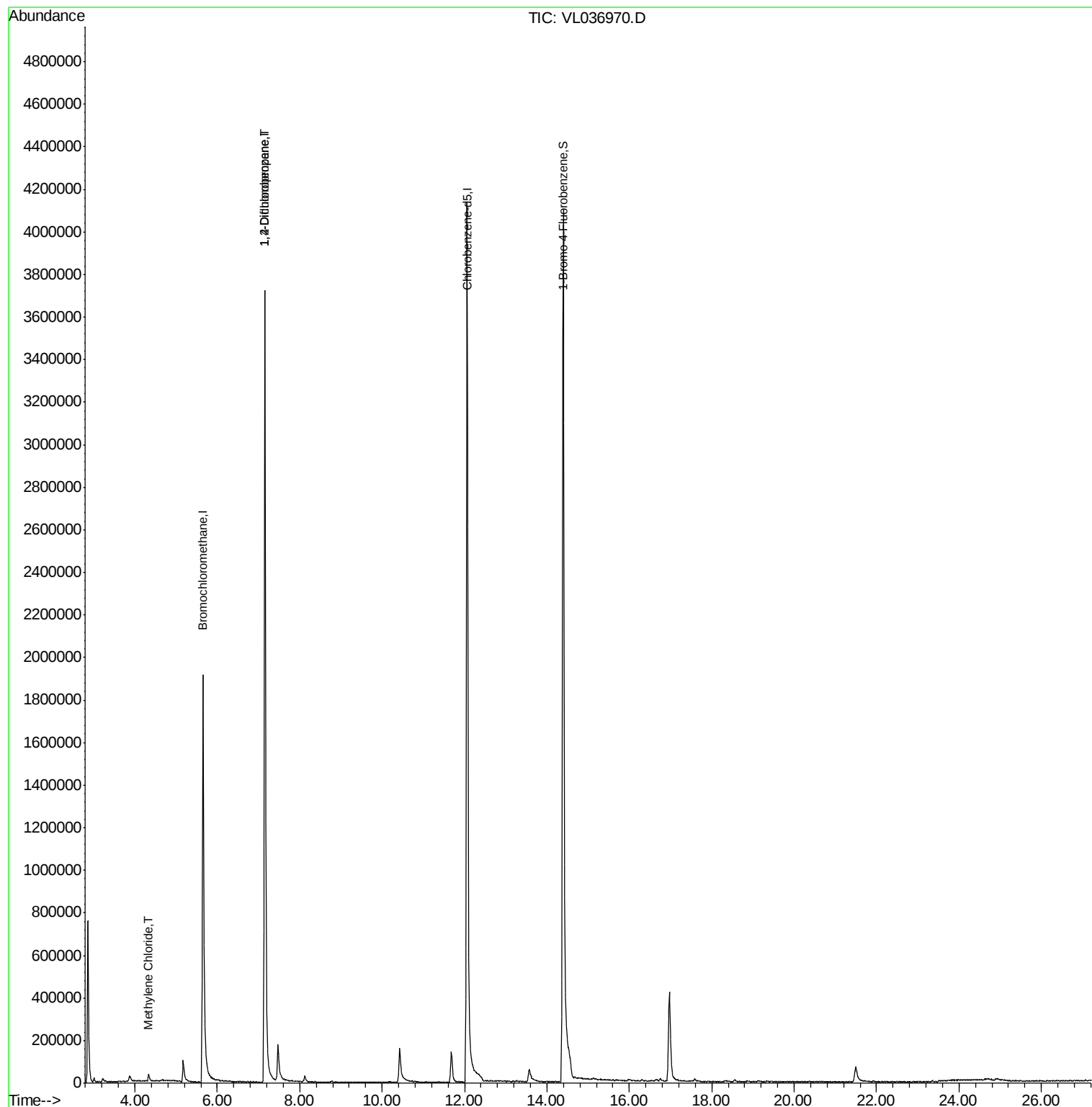
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	12329	0.182	ppbv #	80
39) 1,2-Dichloropropane	7.16	63	820096	6.865	ppbv #	26

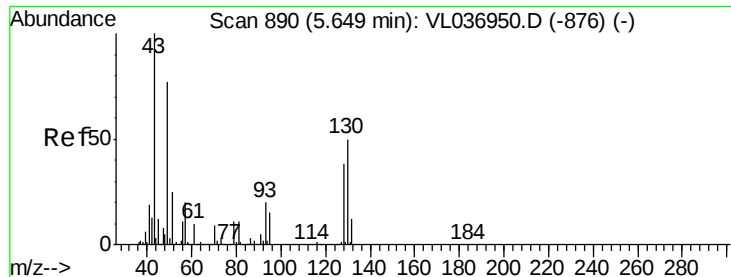
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC051321 CAN 10602

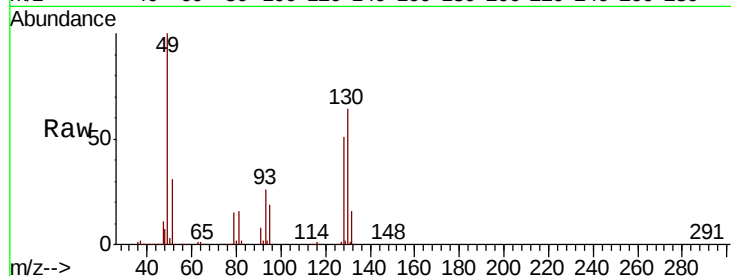
Tot Ion: 49 Resp: 1235278

Ion Ratio Lower Upper

49 100

128 54.7 26.9 80.7

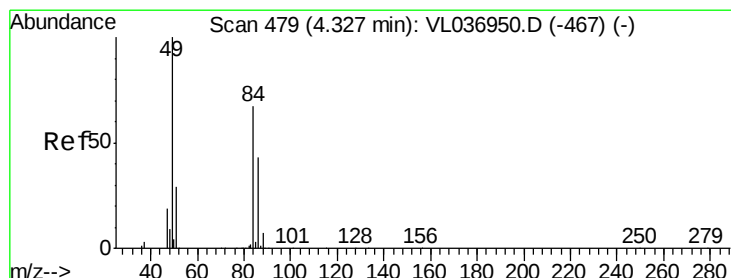
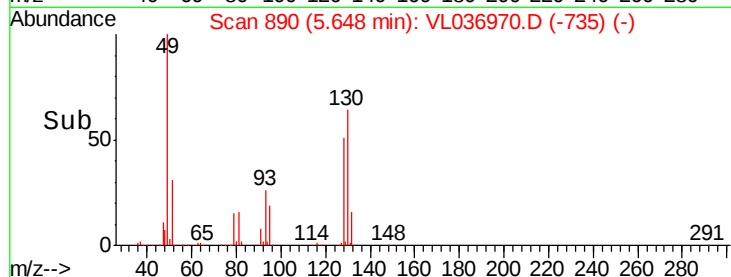
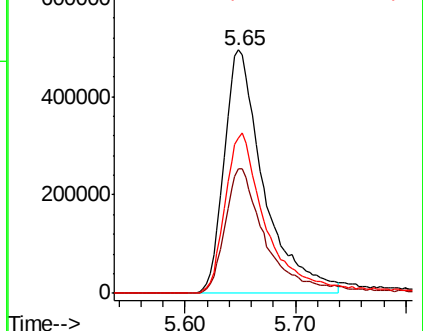
130 70.6 33.8 101.4



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



#20

Methylene Chloride

Concen: 0.182 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL036970.D

Acq: 18 May 2021 15:43

Tgt Ion: 84 Resp: 12329

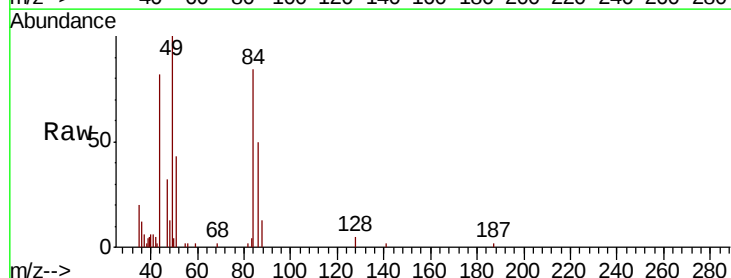
Ion Ratio Lower Upper

84 100

49 115.3 119.8 179.6#

51 49.1 35.1 52.7

86 55.3 50.9 76.3

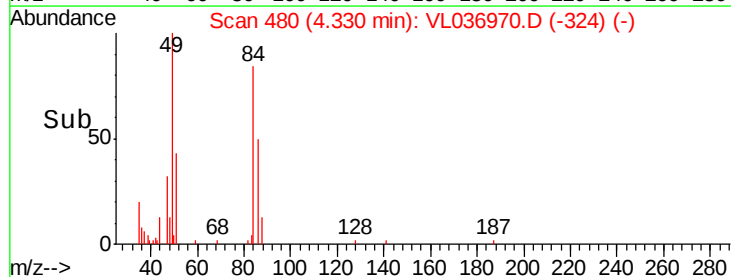
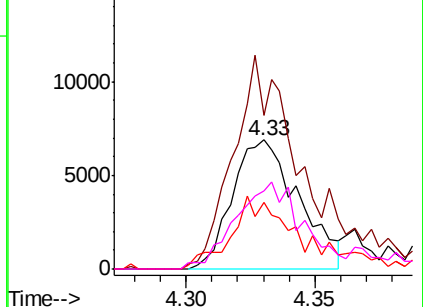


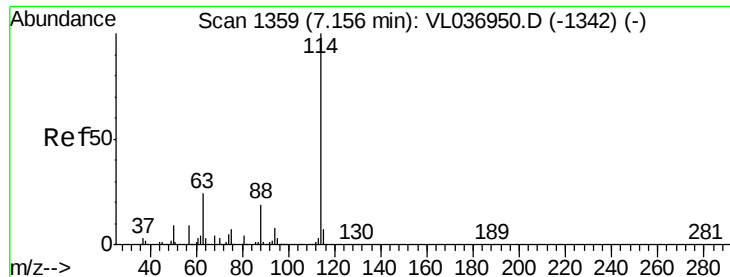
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

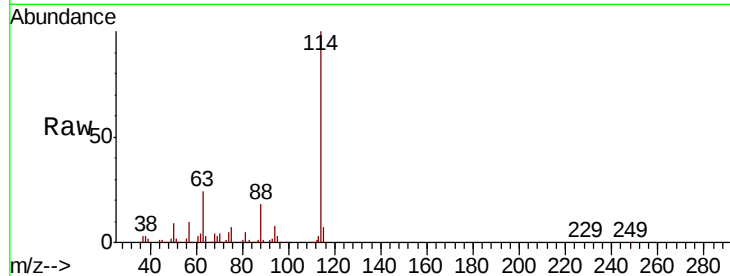




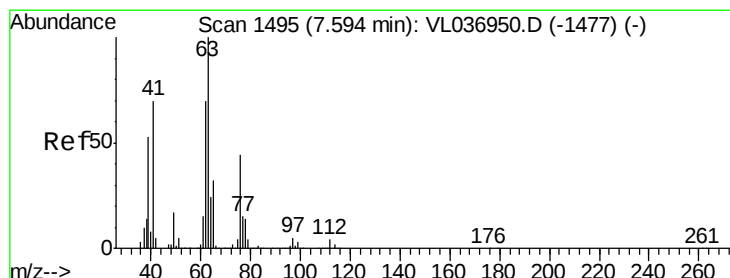
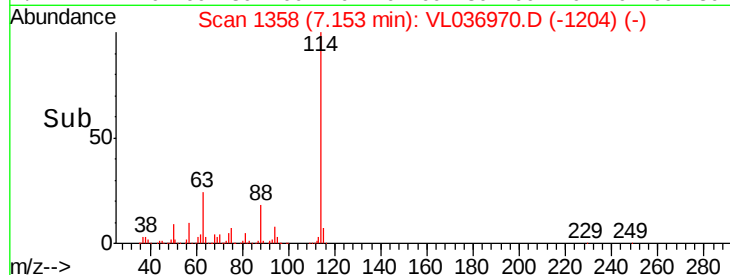
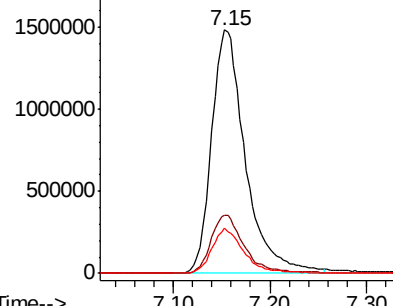
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: VL036970.D
 Acq: 18 May 2021 15:43

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 QC051321 CAN 10602

Tot Ion:114 Resp: 3600110
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.6 29.4
 88 17.8 14.6 21.8

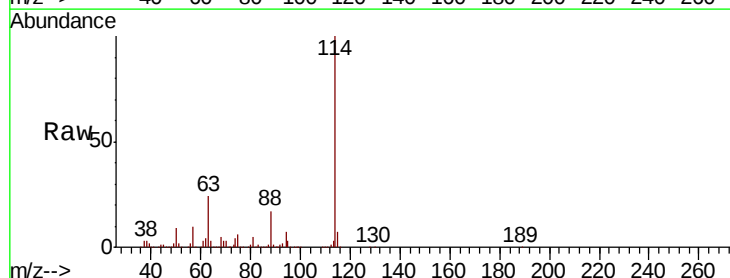


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

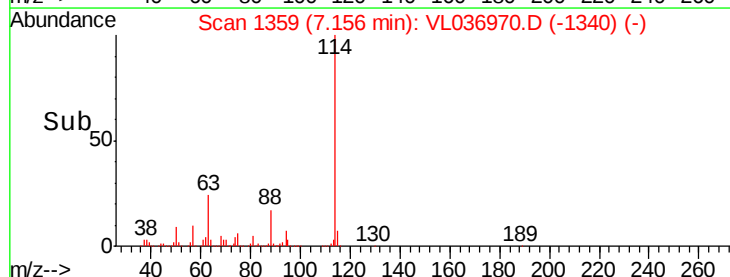
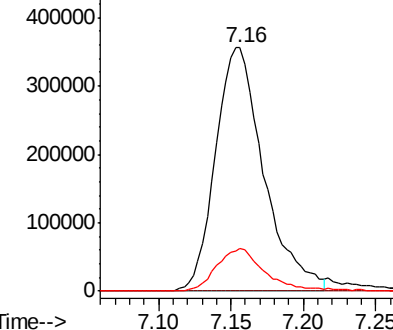


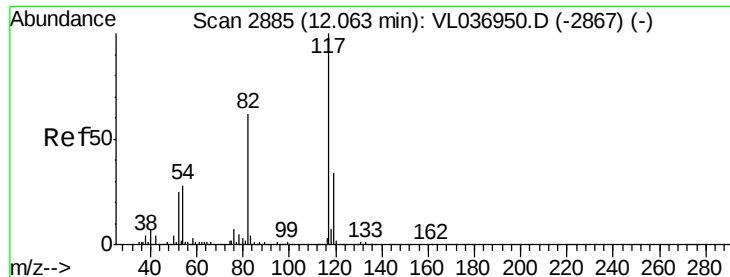
#39
 1,2-Dichloropropane
 Concen: 6.865 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.44 min
 Lab File: VL036970.D
 Acq: 18 May 2021 15:43

Tgt Ion: 63 Resp: 820096
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.7 83.5#
 62 17.6 56.2 84.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

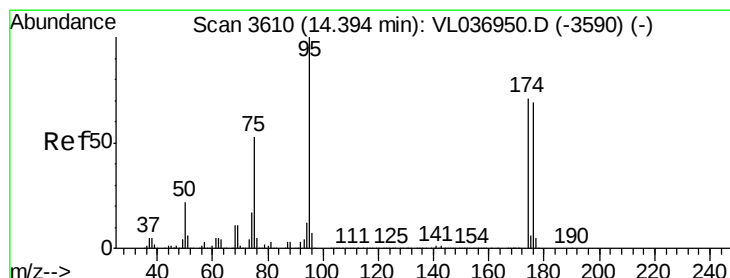
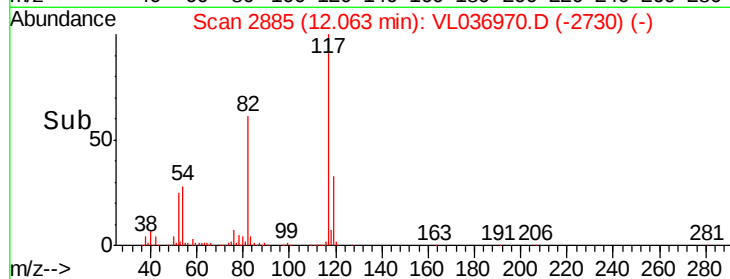
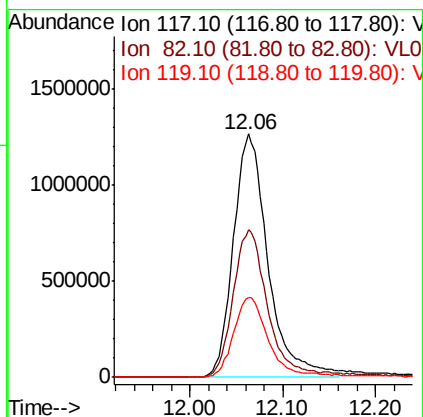
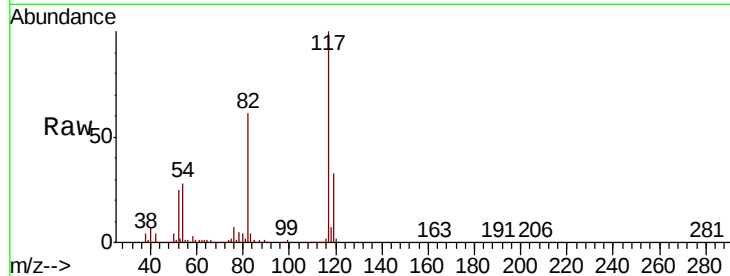




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.00 min
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Tot Ion:117 Resp: 3287193
Ion Ratio Lower Upper
117 100
82 63.8 52.6 79.0
119 34.1 46.6 70.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.535 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.00 min
Lab File: VL036970.D
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Tgt Ion: 95 Resp: 2354511
Ion Ratio Lower Upper
95 100
174 79.6 58.4 87.6
175 5.7 4.4 6.6

