

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038310.D
 Acq On : 27 Jan 2022 23:48
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jan 28 05:15:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	703878	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	1947925	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1603948	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1203580	9.89	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

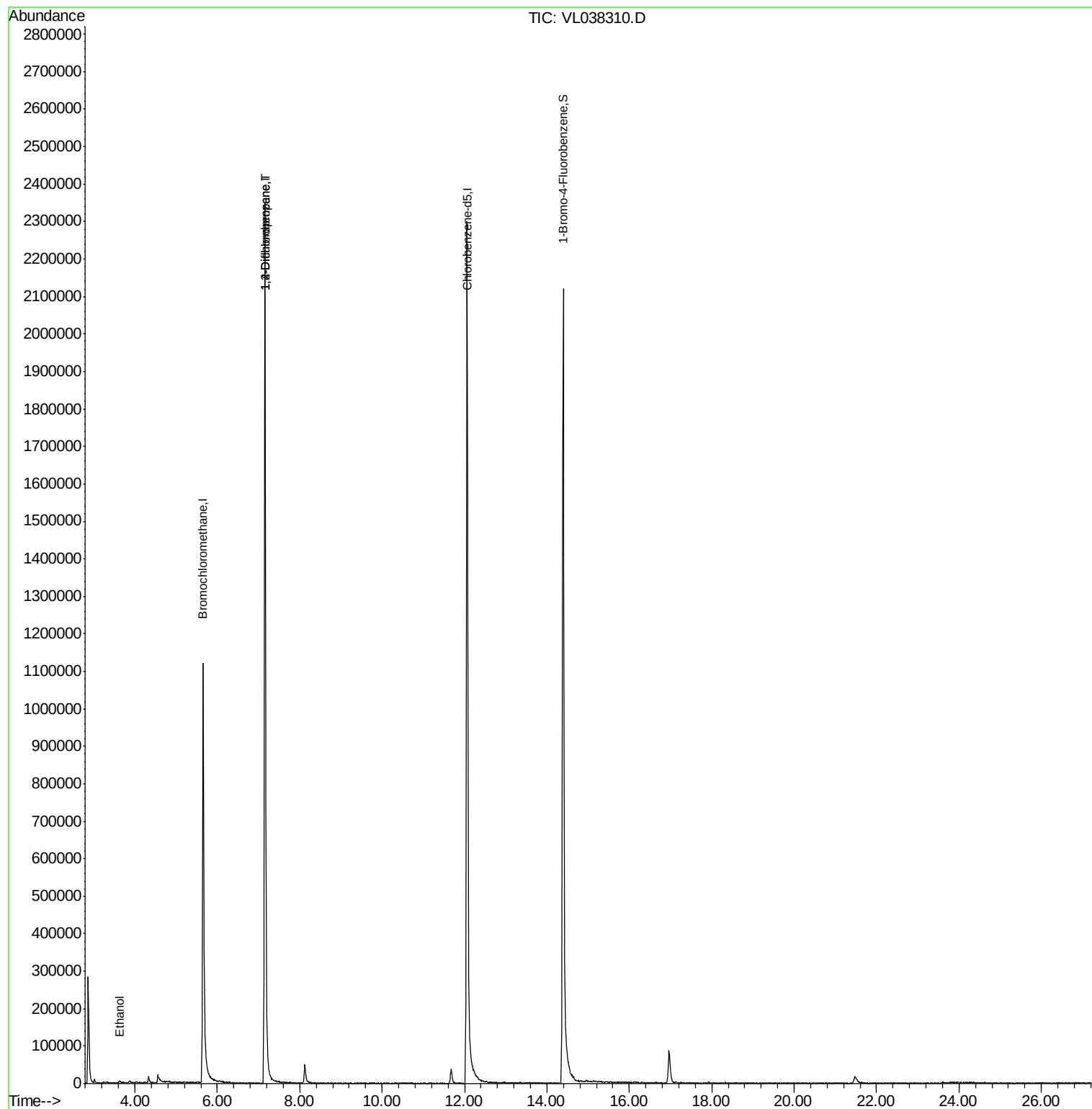
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.62	45	970	0.198	ppbv #	1
39) 1,2-Dichloropropane	7.16	63	522840	7.484	ppbv #	26

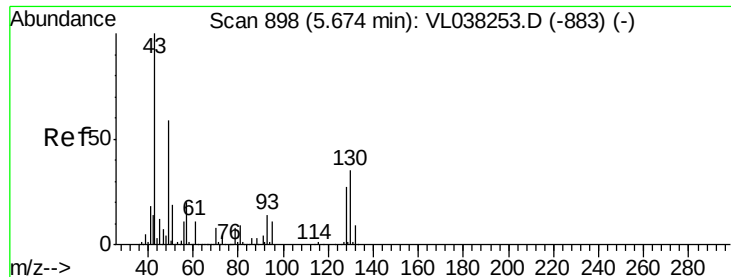
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VIBLK

Acq: 27 Jan 2022 23:48

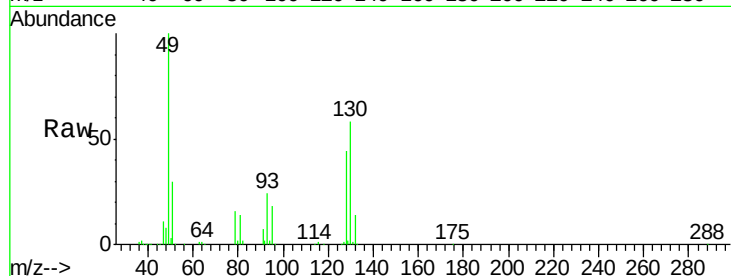
Tgt Ion: 49 Resp: 703878

Ion Ratio Lower Upper

49 100

128 47.8 24.5 73.5

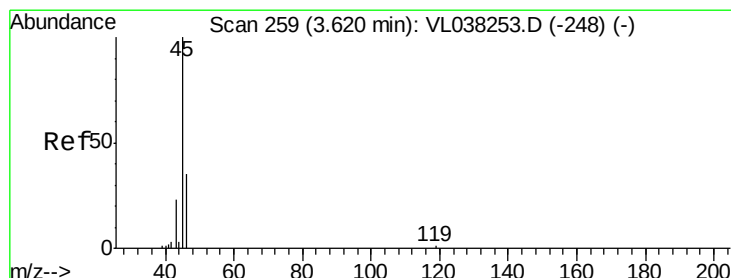
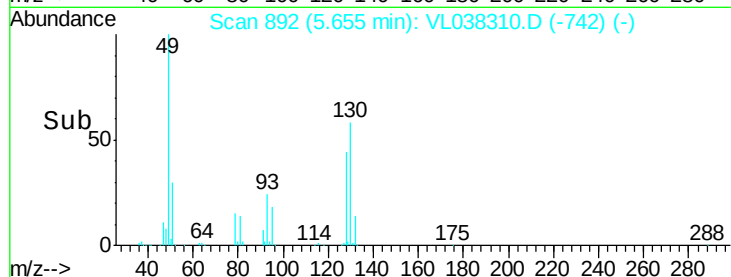
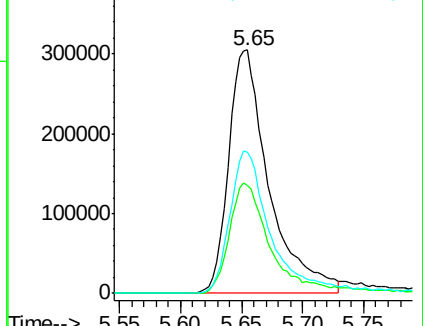
130 61.7 30.1 90.5



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



#13

Ethanol

Concen: 0.198 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.00 min

Lab File: VL038310.D

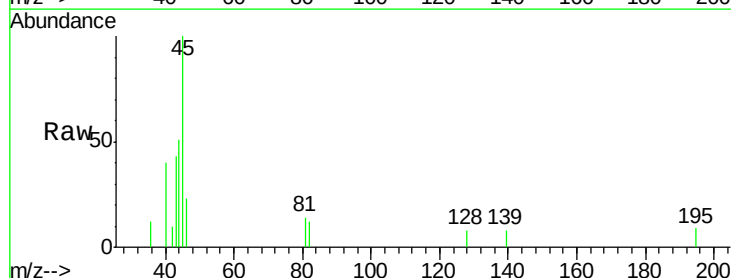
Acq: 27 Jan 2022 23:48

Tgt Ion: 45 Resp: 970

Ion Ratio Lower Upper

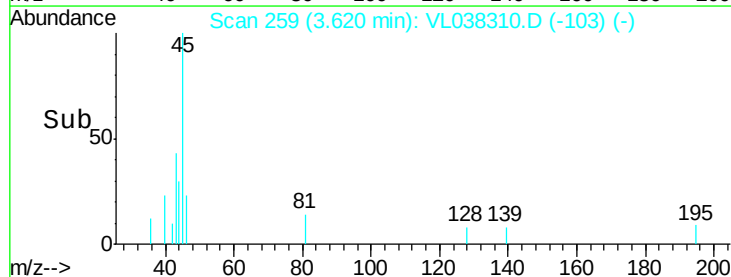
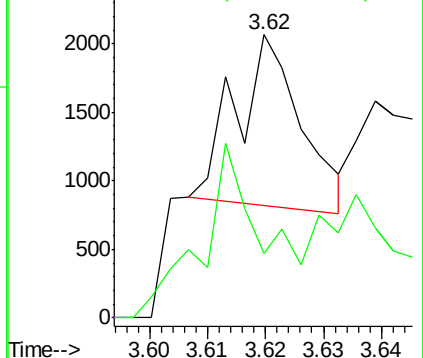
45 100

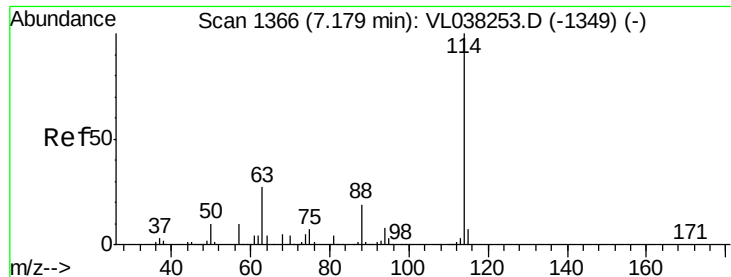
46 196.9 15.4 61.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

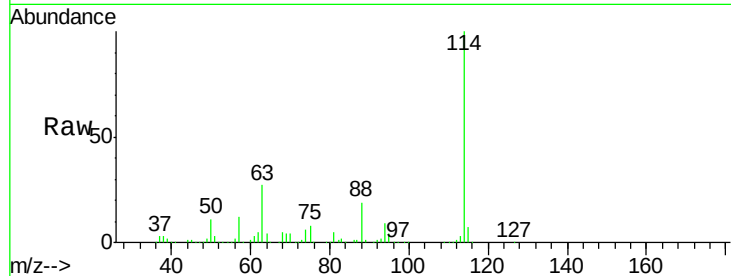
Ion 46.10 (45.80 to 46.80): VL0



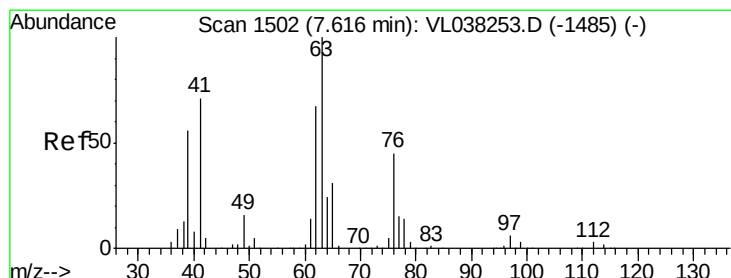
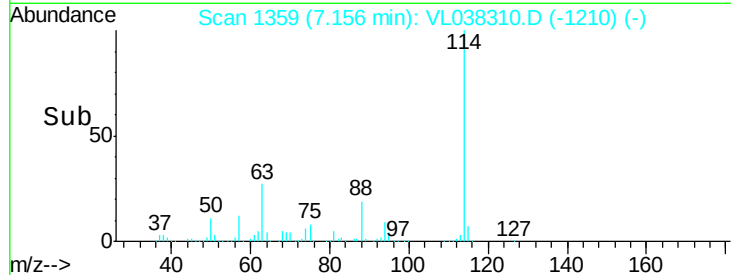
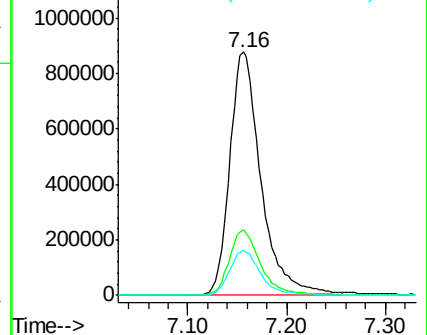


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VIBLK
 Acq: 27 Jan 2022 23:48

Tgt Ion: 114 Resp: 1947925
 Ion Ratio Lower Upper
 114 100
 63 27.2 22.0 33.0
 88 18.7 15.0 22.6

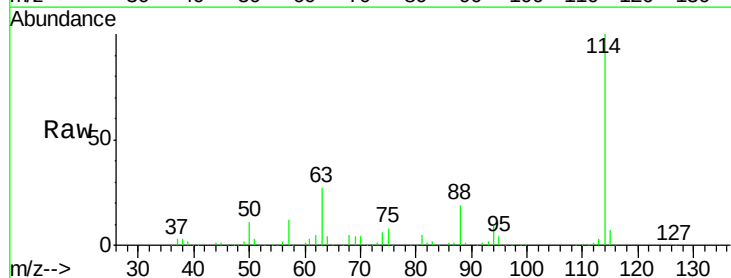


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

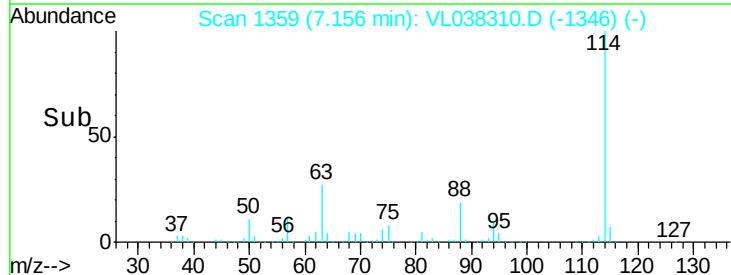
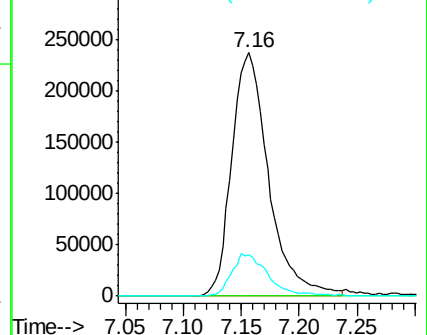


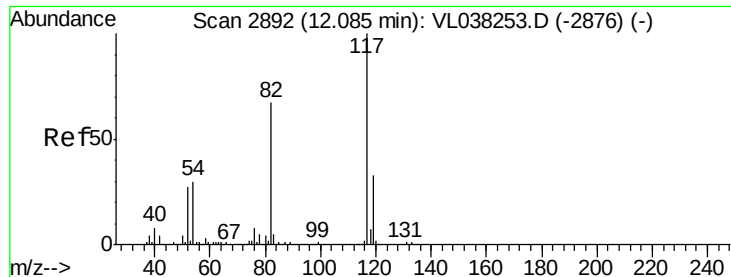
#39
 1,2-Dichloropropane
 Concen: 7.484 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.46 min
 Lab File: VL038310.D
 Acq: 27 Jan 2022 23:48

Tgt Ion: 63 Resp: 522840
 Ion Ratio Lower Upper
 63 100
 41 0.1 56.6 85.0#
 62 17.1 53.9 80.9#



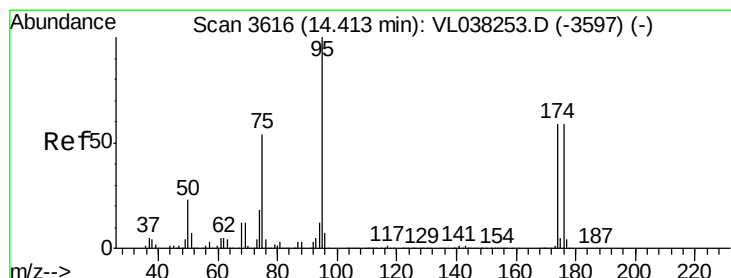
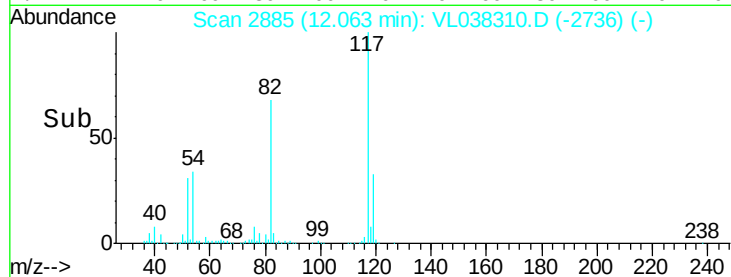
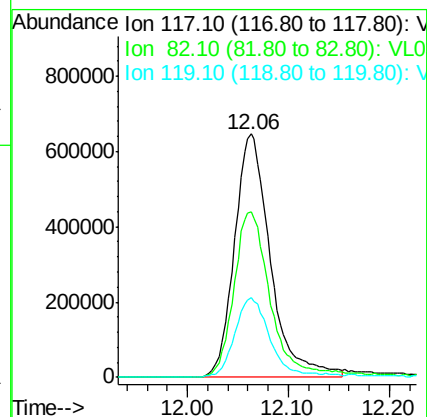
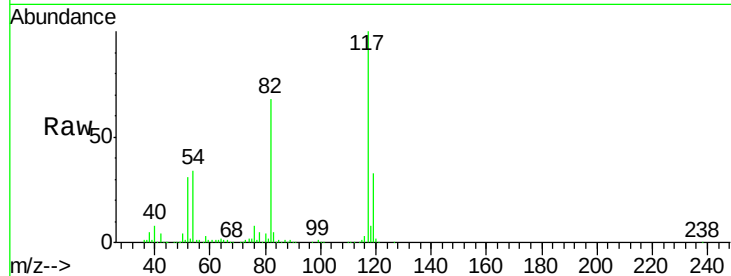
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VIBLK
 Acq: 27 Jan 2022 23:48

Tgt Ion: 117 Resp: 1603948
 Ion Ratio Lower Upper
 117 100
 82 72.4 54.4 81.6
 119 33.1 45.9 68.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.887 ppbv
 RT: 14.39 min Scan# 3609
 Delta R.T. -0.02 min
 Lab File: VL038310.D
 Acq: 27 Jan 2022 23:48

Tgt Ion: 95 Resp: 1203580
 Ion Ratio Lower Upper
 95 100
 174 60.1 48.3 72.5
 175 4.4 3.5 5.3

