

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038548.D
 Acq On : 4 Mar 2022 23:53
 Operator : SY/AP
 Sample : CAN 10321
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 05 05:00:34 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	911902	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2073628	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	1749517	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1387100	9.58	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.80%

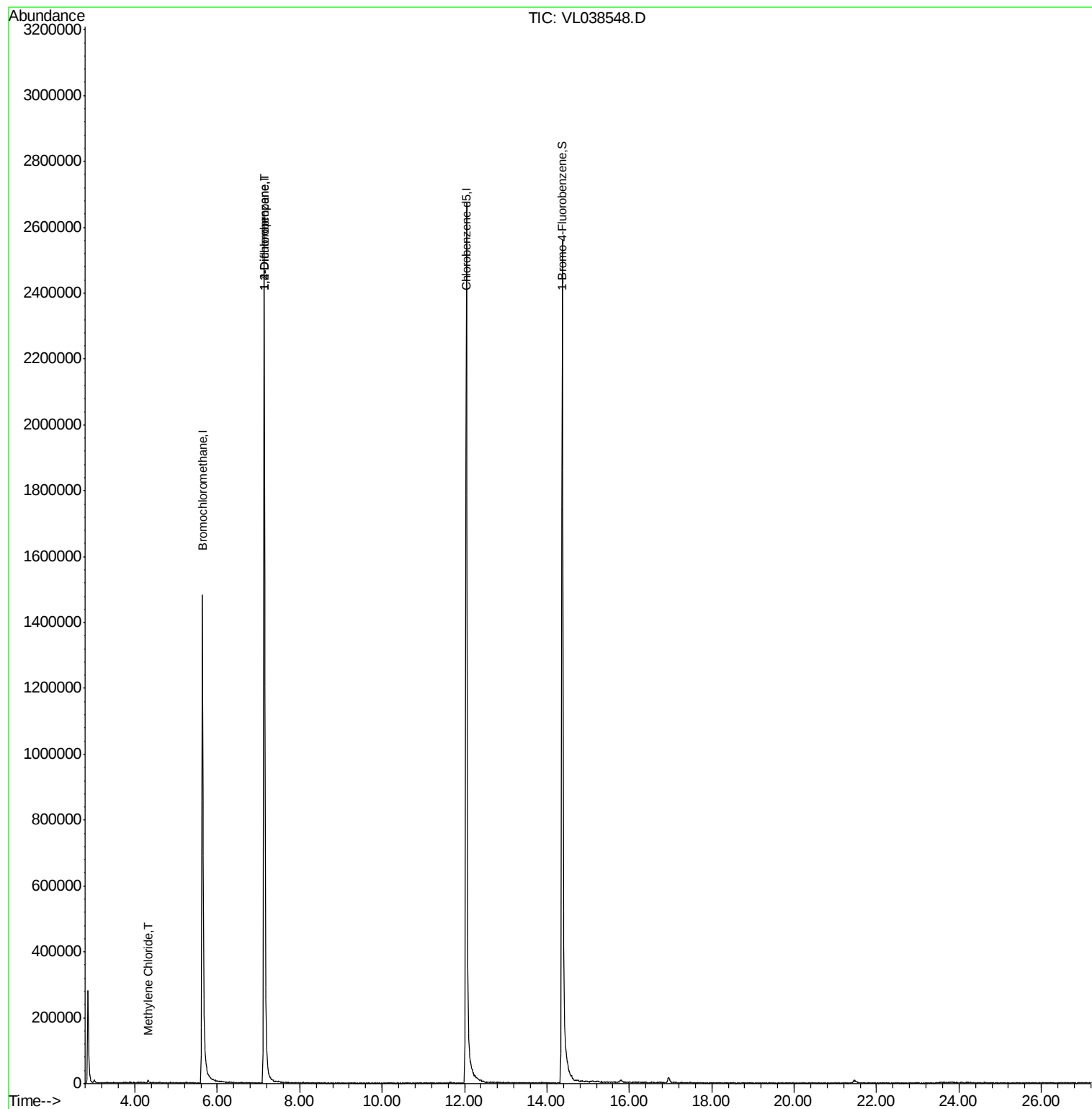
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.32	84	2134	0.056	ppbv #	86
39) 1,2-Dichloropropane	7.14	63	571822	7.864	ppbv #	25

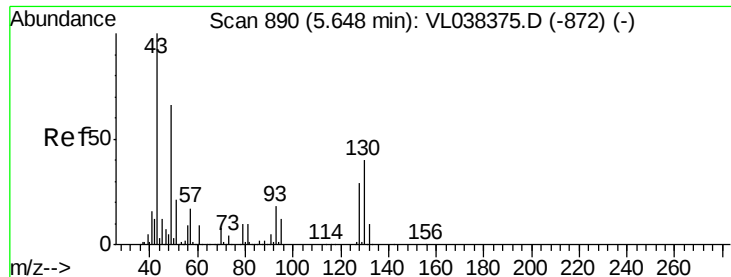
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 23:55

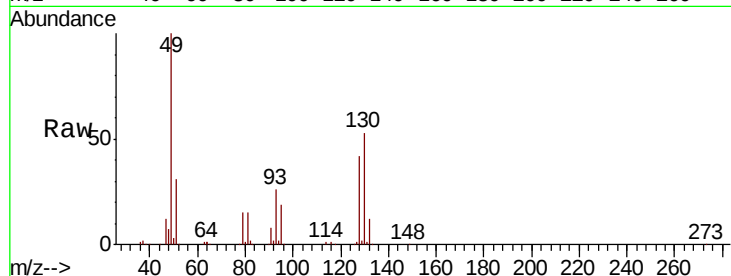
Tot Ion: 49 Resp: 911902

Ion Ratio Lower Upper

49 100

128 43.9 24.3 72.9

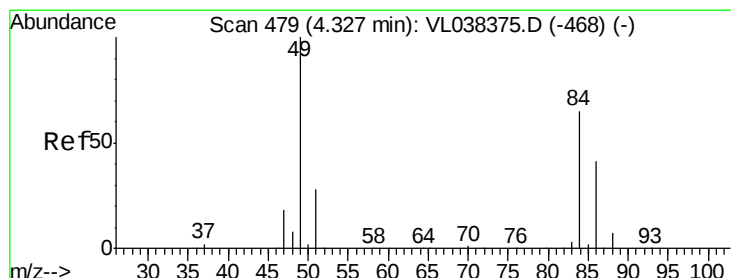
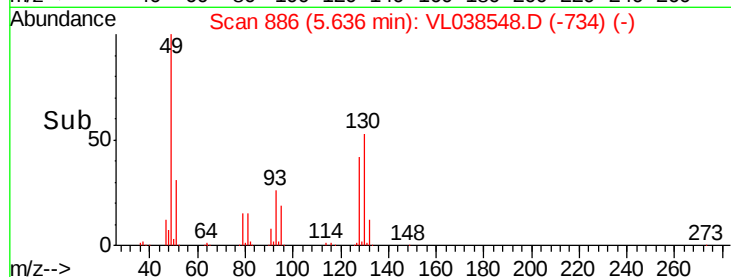
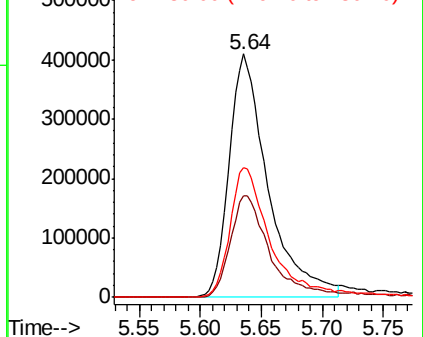
130 57.8 30.1 90.5



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



#20

Methylene Chloride

Concen: 0.056 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.01 min

Lab File: VL038548.D

Acq: 4 Mar 2022 23:53

Tgt Ion: 84 Resp: 2134

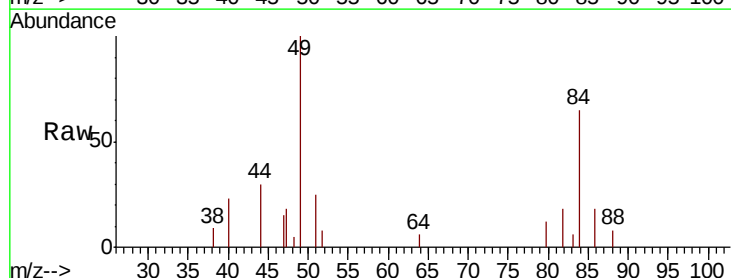
Ion Ratio Lower Upper

84 100

49 152.8 122.4 183.6

51 51.2 33.3 49.9#

86 26.8 50.7 76.1#

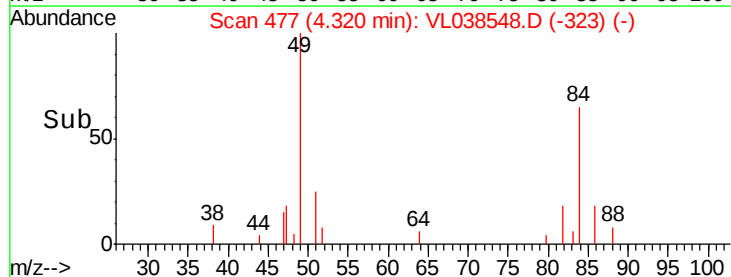
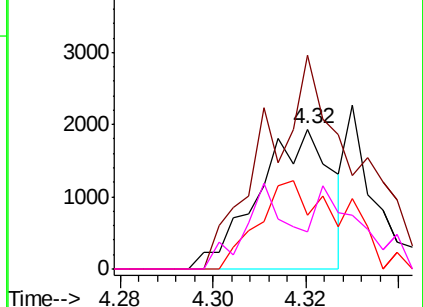


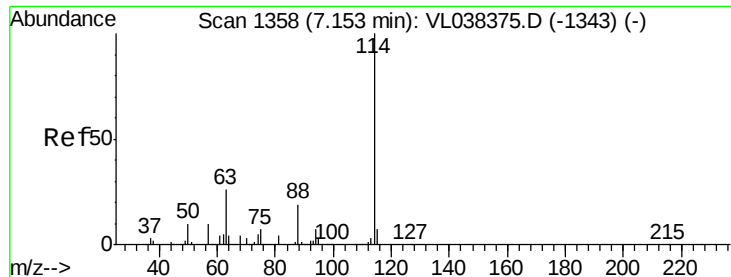
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

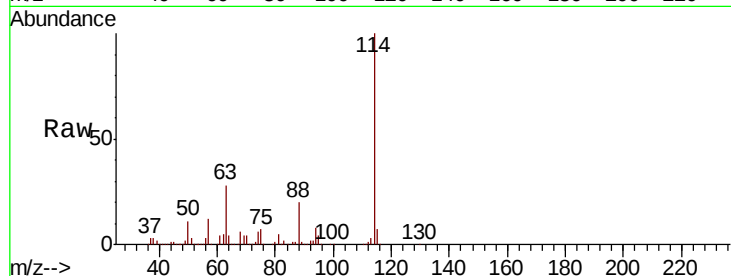




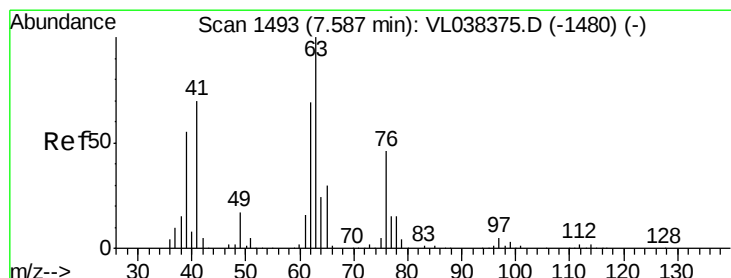
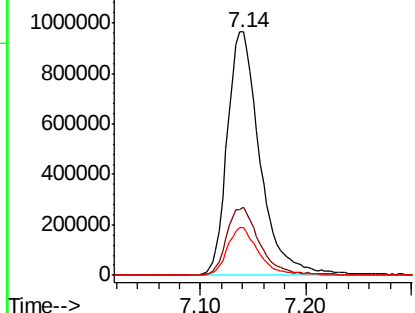
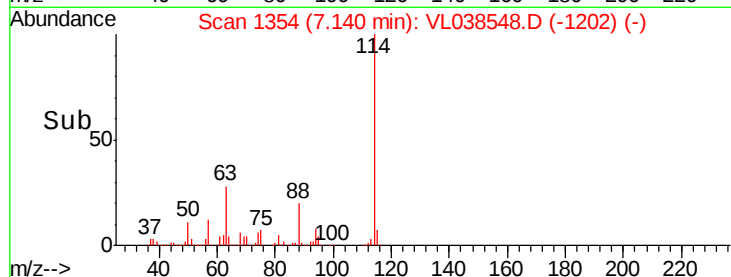
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 4 Mar 2022 23:55

Tot Ion: 114 Resp: 2073628

Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.2	33.2
88	19.2	15.2	22.8



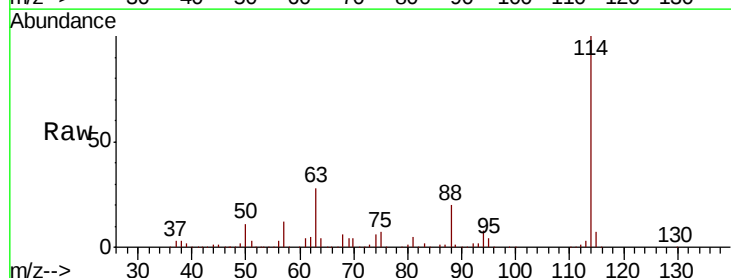
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



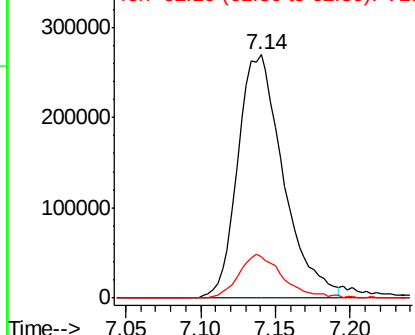
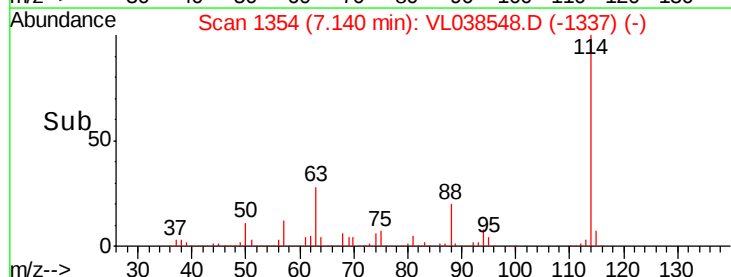
#39
 1,2-Dichloropropane
 Concen: 7.864 ppbv
 RT: 7.14 min Scan# 1354
 Delta R.T. -0.45 min
 Lab File: VL038548.D
 Acq: 4 Mar 2022 23:53

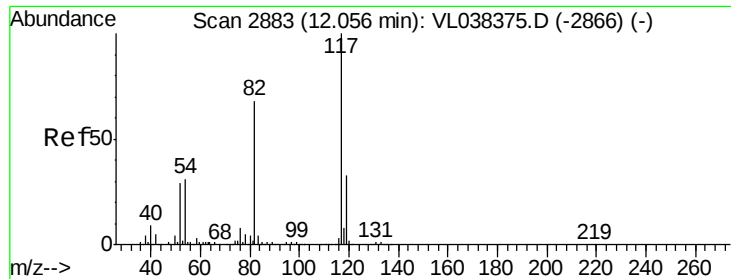
Tgt Ion: 63 Resp: 571822

Ion	Ratio	Lower	Upper
63	100		
41	0.2	56.1	84.1#
62	17.2	55.5	83.3#



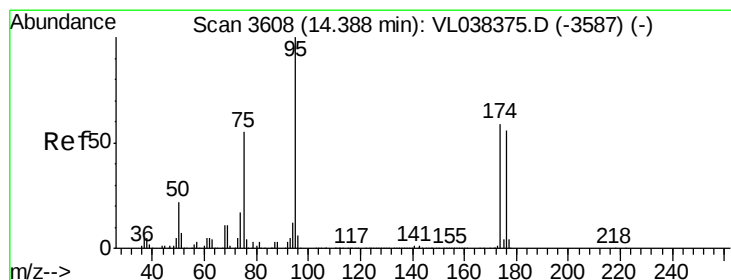
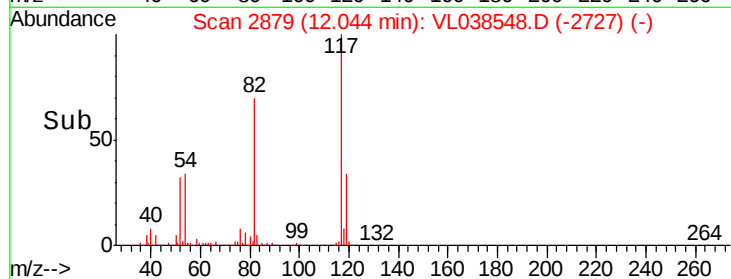
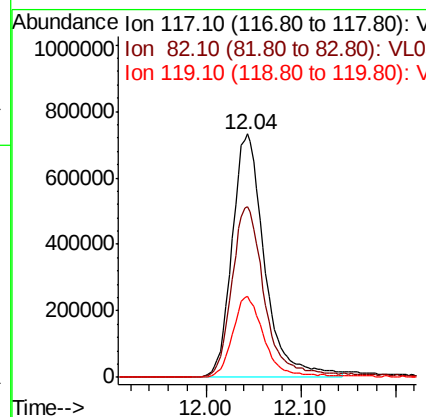
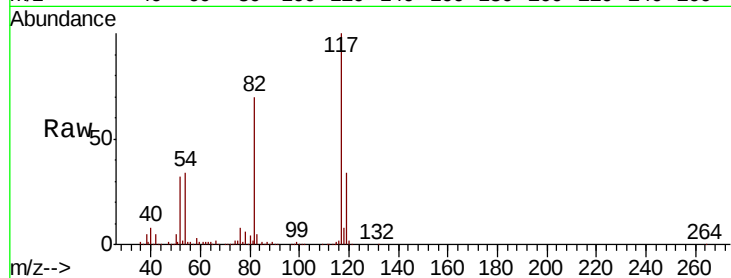
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 4 Mar 2022 23:55

Tot Ion: 117 Resp: 1749517
 Ion Ratio Lower Upper
 117 100
 82 71.7 54.9 82.3
 119 33.5 46.1 69.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.582 ppbv
 RT: 14.37 min Scan# 3603
 Delta R.T. -0.02 min
 Lab File: VL038548.D
 Acq: 4 Mar 2022 23:53

Tgt Ion: 95 Resp: 1387100
 Ion Ratio Lower Upper
 95 100
 174 58.8 49.0 73.4
 175 4.1 3.6 5.4

