

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038586.D
 Acq On : 9 Mar 2022 21:32
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 10 00:35:47 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	795263	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2016311	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1729894	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1277381	9.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

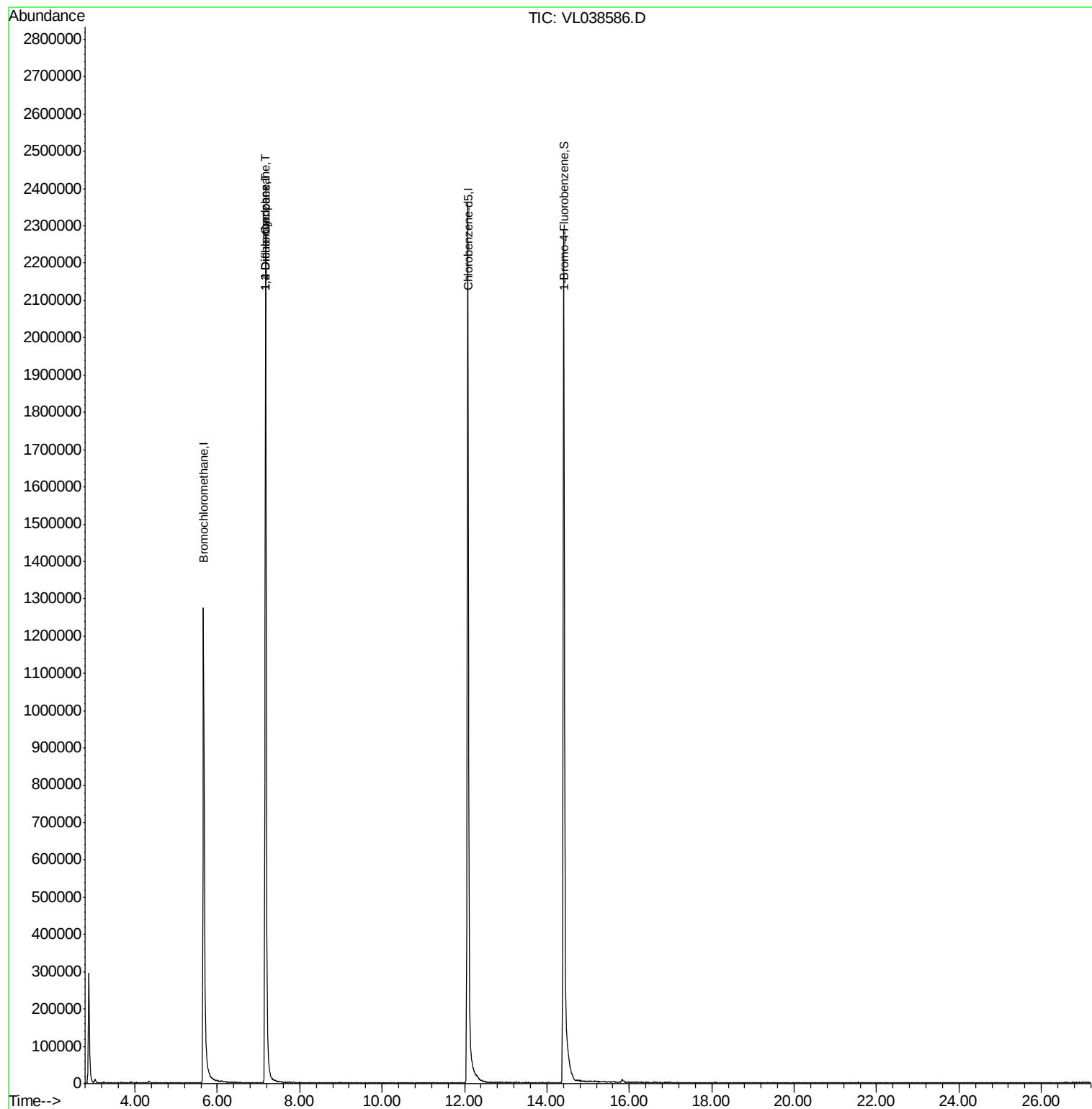
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Cyclohexane	7.16	84	2678	0.03	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	484287	6.92	ppbv #	27

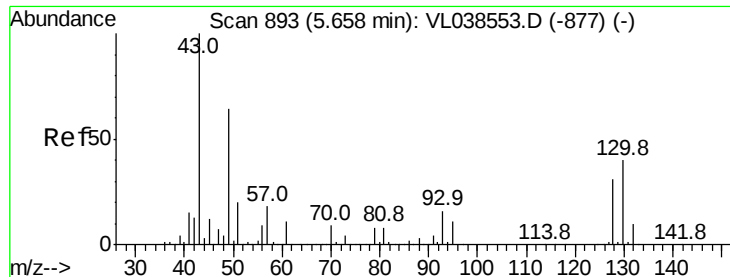
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 21:32

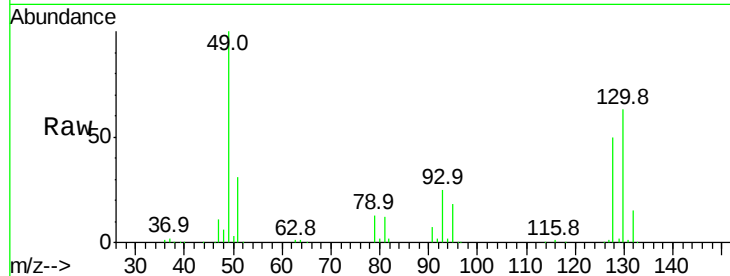
Tgt Ion: 49 Resp: 795263

Ion Ratio Lower Upper

49 100

128 52.5 26.4 79.2

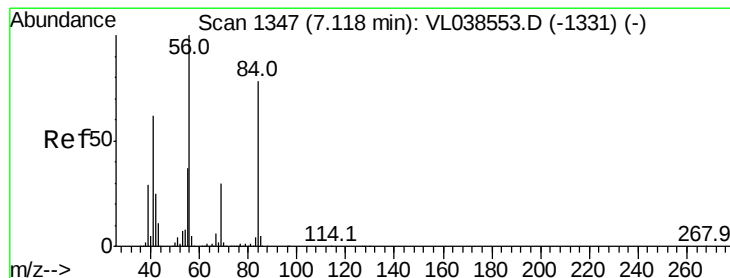
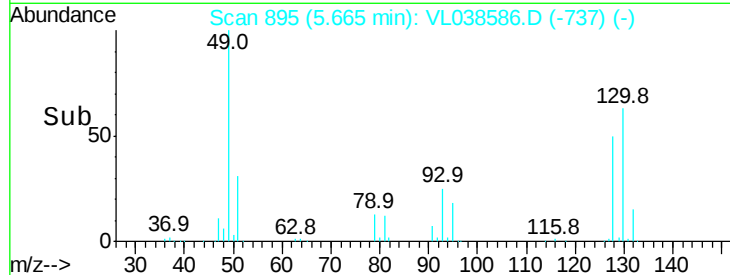
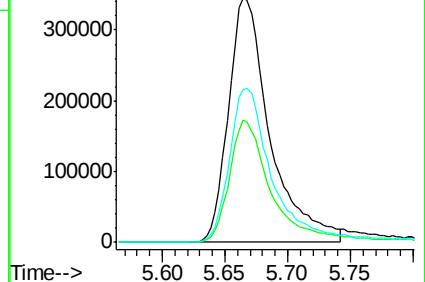
130 67.4 33.0 98.9



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



#30

Cyclohexane

Concen: 0.03 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. 0.04 min

Lab File: VL038586.D

Acq: 9 Mar 2022 21:32

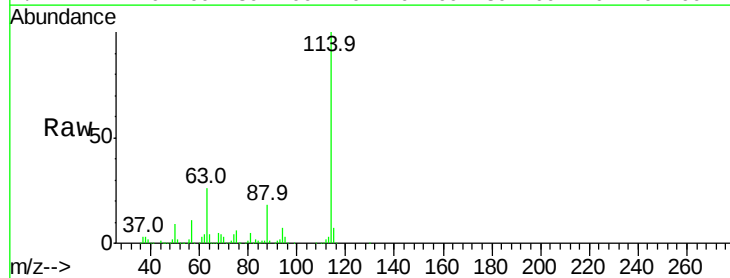
Tgt Ion: 84 Resp: 2678

Ion Ratio Lower Upper

84 100

56 0.0 111.4 167.0#

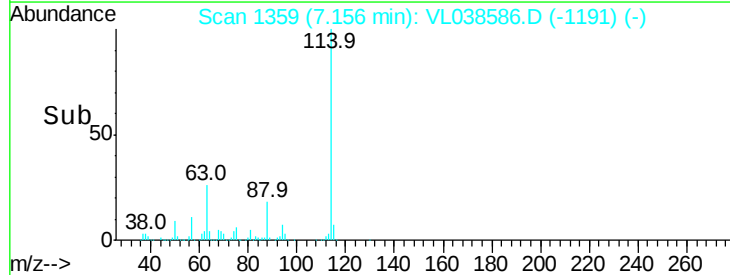
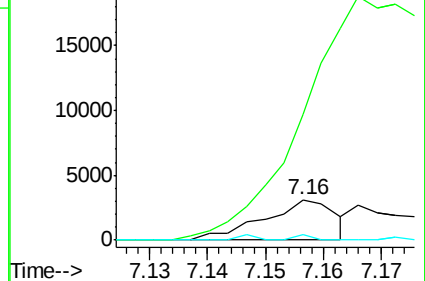
41 7.2 65.5 98.3#

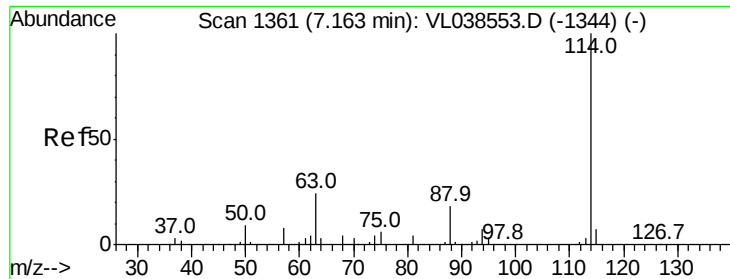


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

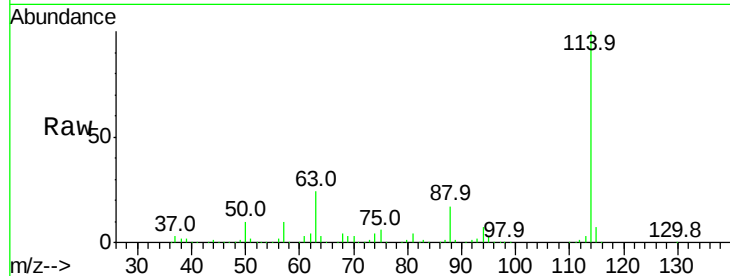




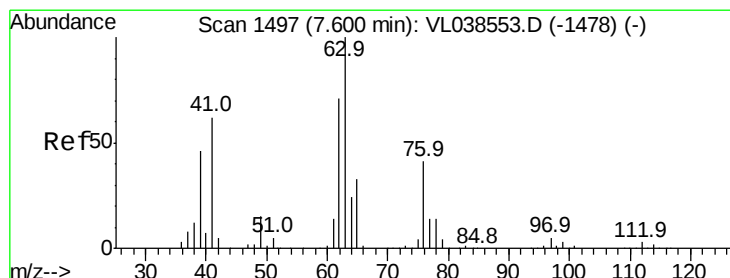
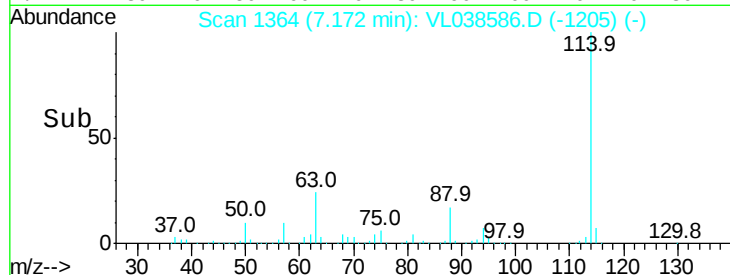
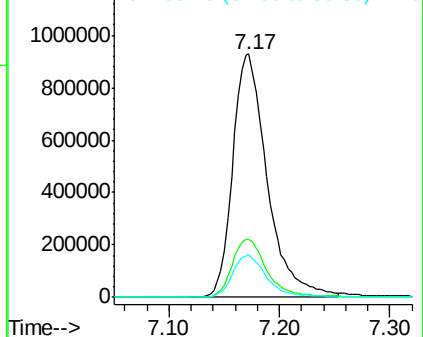
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.17 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 21:32

Tgt Ion: 114 Resp: 2016311

Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	17.6	13.9	20.9



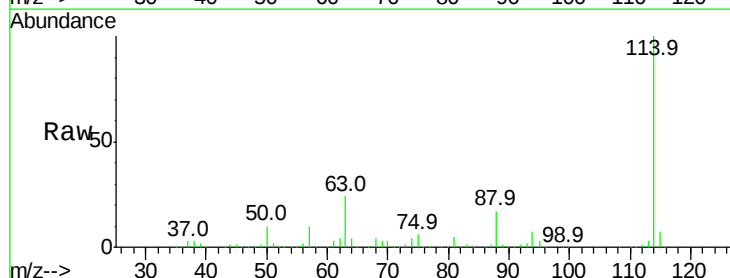
Abundance Ion 114.10 (113.80 to 114.80): VL0



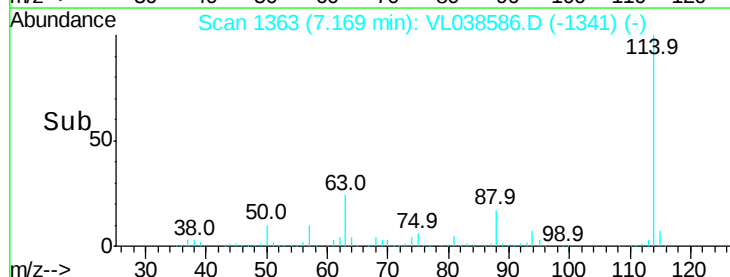
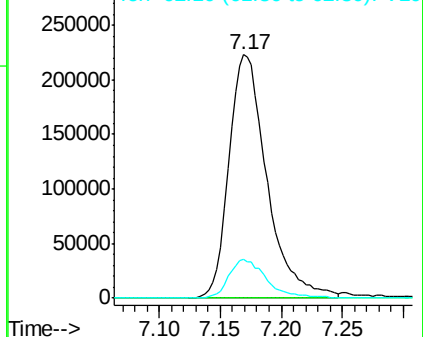
#39
 1,2-Dichloropropane
 Concen: 6.92 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.43 min
 Lab File: VL038586.D
 Acq: 9 Mar 2022 21:32

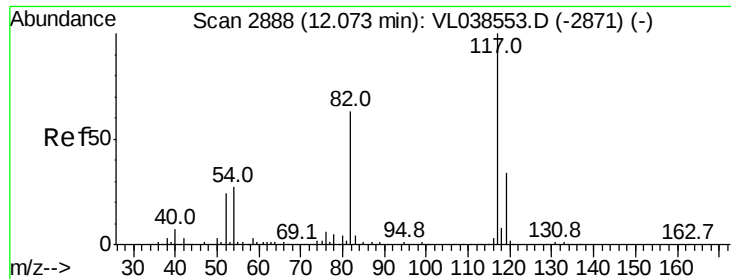
Tgt Ion: 63 Resp: 484287

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	15.9	56.7	85.1#



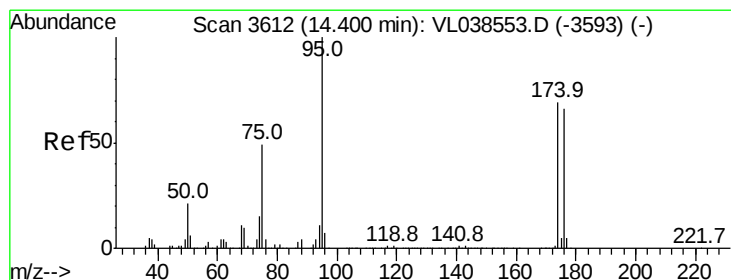
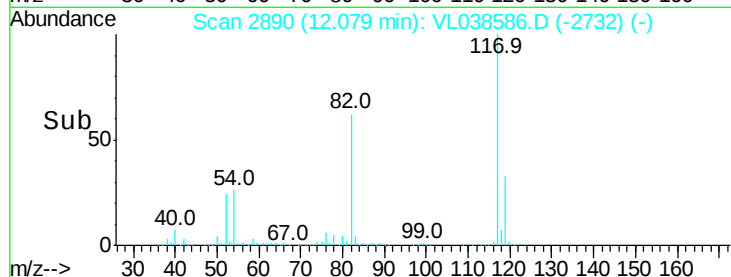
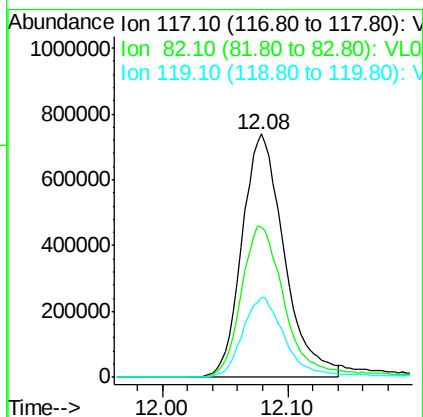
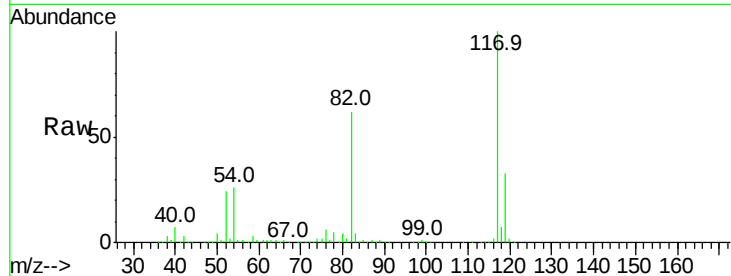
Abundance Ion 63.10 (62.80 to 63.80): VL0





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 21:32

Tgt Ion: 117 Resp: 1729894
Ion Ratio Lower Upper
117 100
82 68.0 52.5 78.7
119 35.1 46.4 69.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.71 ppbv
RT: 14.41 min Scan# 3615
Delta R.T.: 0.01 min
Lab File: VL038586.D
Acq: 9 Mar 2022 21:32

Tgt Ion: 95 Resp: 1277381
Ion Ratio Lower Upper
95 100
174 74.5 56.2 84.4
175 5.3 4.2 6.2

