

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
 Data File : VL038318.D
 Acq On : 1 Feb 2022 12:28
 Operator : SY/AP
 Sample : VL0201ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0201ABL01

Quant Time: Feb 02 05:12:51 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	5.63	49	917236	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2511993	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2155143	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1687532	10.32	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

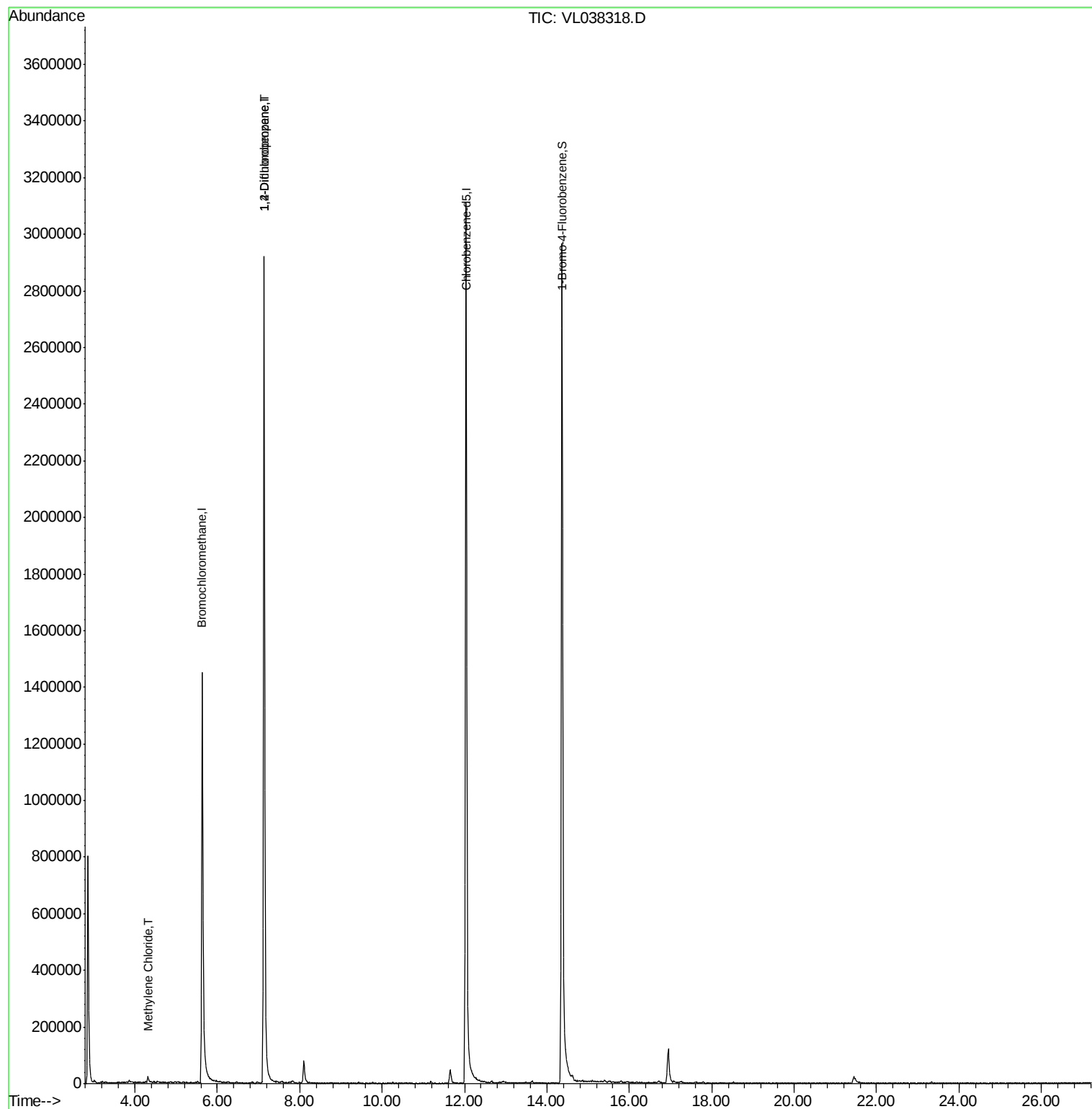
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.32	84	4839	0.103	ppbv	85
39) 1,2-Dichloropropane	7.13	63	661165	7.339	ppbv #	25

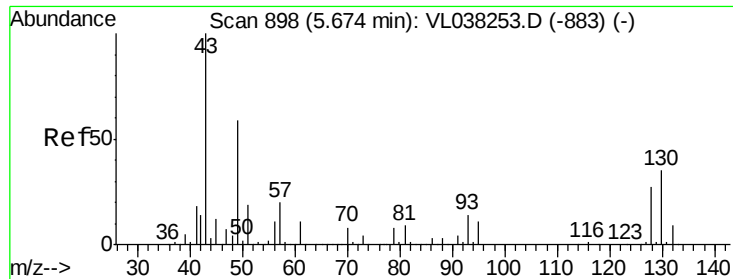
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 02 05:12:51 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0201ABL01

Acq: 1 Feb 2022 12:28

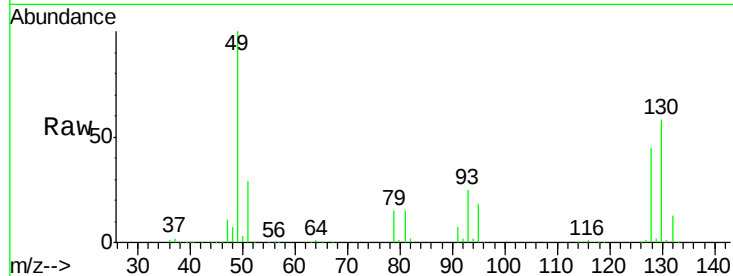
Tgt Ion: 49 Resp: 917236

Ion Ratio Lower Upper

49 100

128 47.6 24.5 73.5

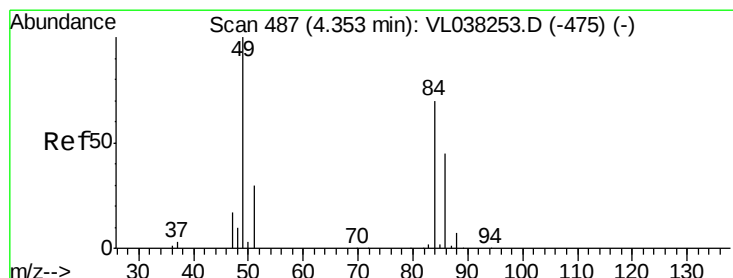
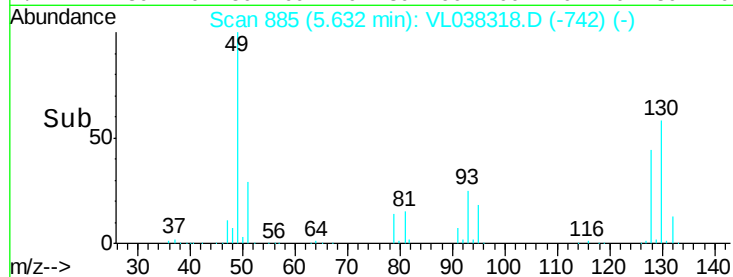
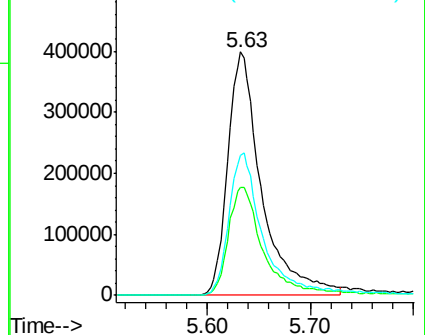
130 60.8 30.1 90.5



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: 0.103 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.04 min

Lab File: VL038318.D

Acq: 1 Feb 2022 12:28

Tgt Ion: 84 Resp: 4839

Ion Ratio Lower Upper

84 100

49 116.8 115.0 172.6

51 45.9 35.0 52.6

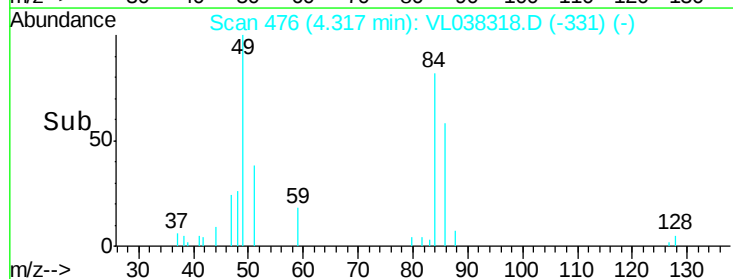
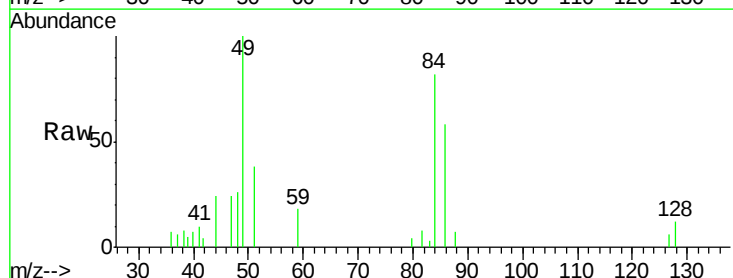
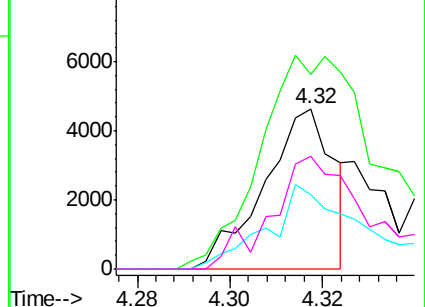
86 69.8 51.4 77.0

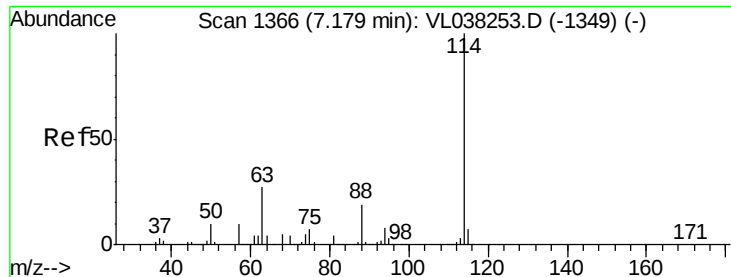
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

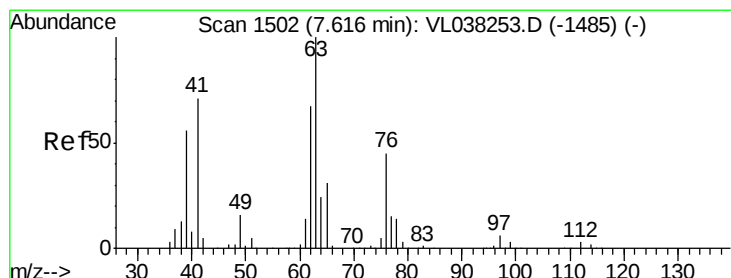
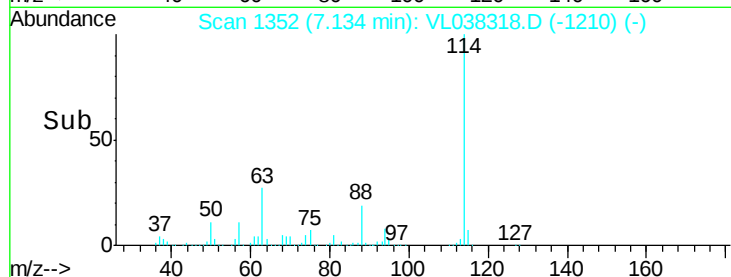
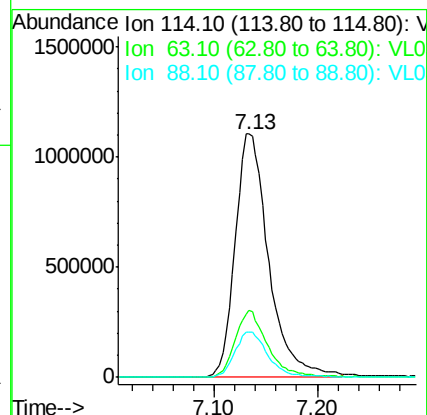
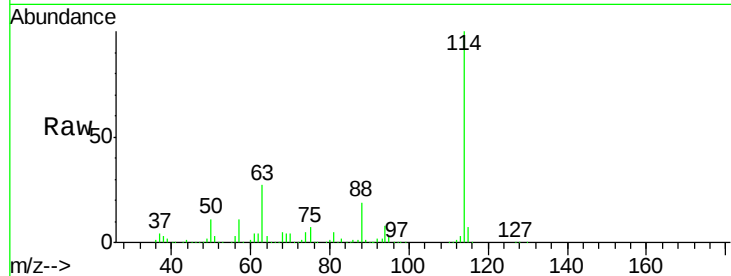
Ion 86.00 (85.70 to 86.70): VL0





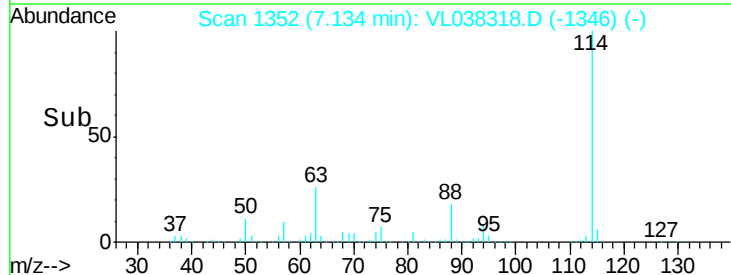
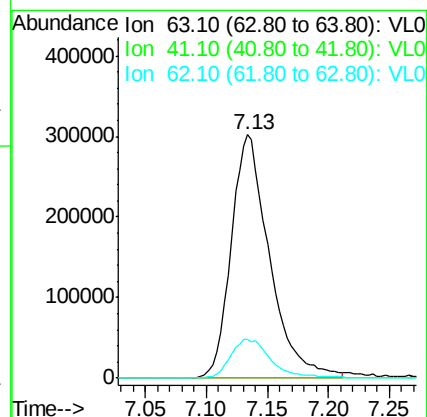
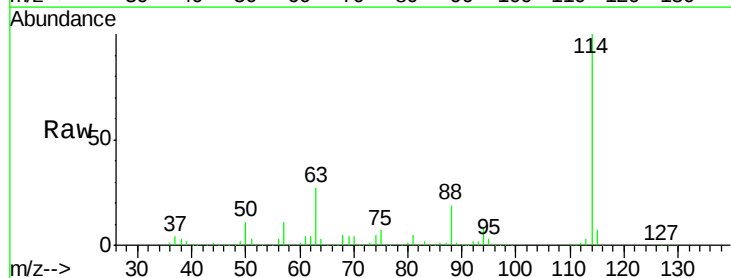
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.13
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0201ABL01
 Acq: 1 Feb 2022 12:28

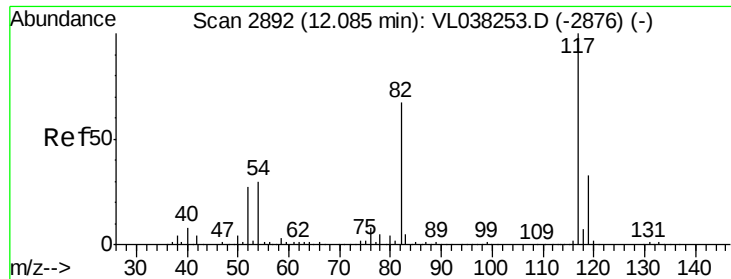
Tgt Ion: 114 Resp: 2511993
 Ion Ratio Lower Upper
 114 100
 63 27.0 22.0 33.0
 88 18.7 15.0 22.6



#39
 1,2-Dichloropropane
 Concen: 7.339 ppbv
 RT: 7.13 min Scan# 1352
 Delta R.T. -0.48 min
 Lab File: VL038318.D
 Acq: 1 Feb 2022 12:28

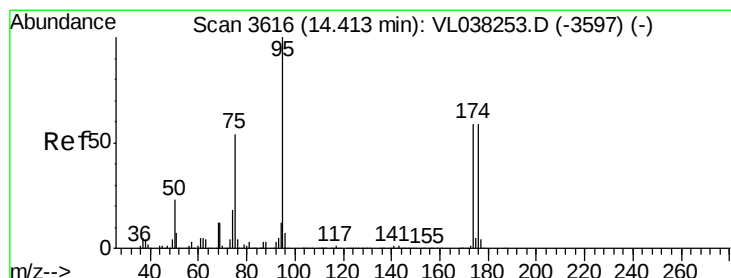
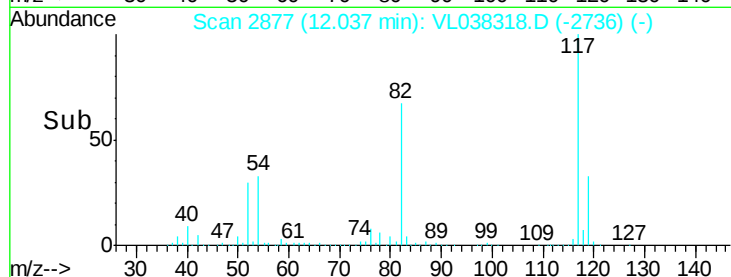
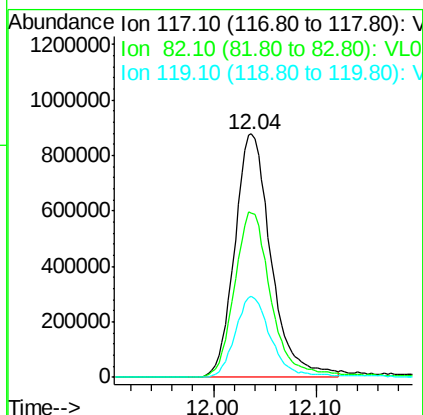
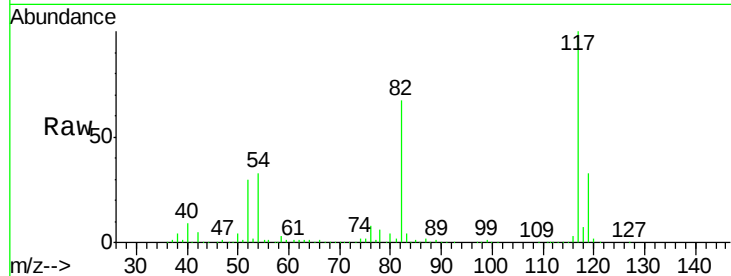
Tgt Ion: 63 Resp: 661165
 Ion Ratio Lower Upper
 63 100
 41 0.1 56.6 85.0#
 62 15.9 53.9 80.9#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0201ABL01
Acq: 1 Feb 2022 12:28

Tgt Ion: 117 Resp: 2155143
Ion Ratio Lower Upper
117 100
82 70.6 54.4 81.6
119 33.4 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.317 ppbv
RT: 14.37 min Scan# 3602
Delta R.T.: -0.04 min
Lab File: VL038318.D
Acq: 1 Feb 2022 12:28

Tgt Ion: 95 Resp: 1687532
Ion Ratio Lower Upper
95 100
174 61.4 48.3 72.5
175 4.5 3.5 5.3

