

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038534.D
 Acq On : 4 Mar 2022 15:06
 Operator : SY/AP
 Sample : VL0304ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 05 04:58:15 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	1033804	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	2508575	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	2090387	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1654413	9.57	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.70%

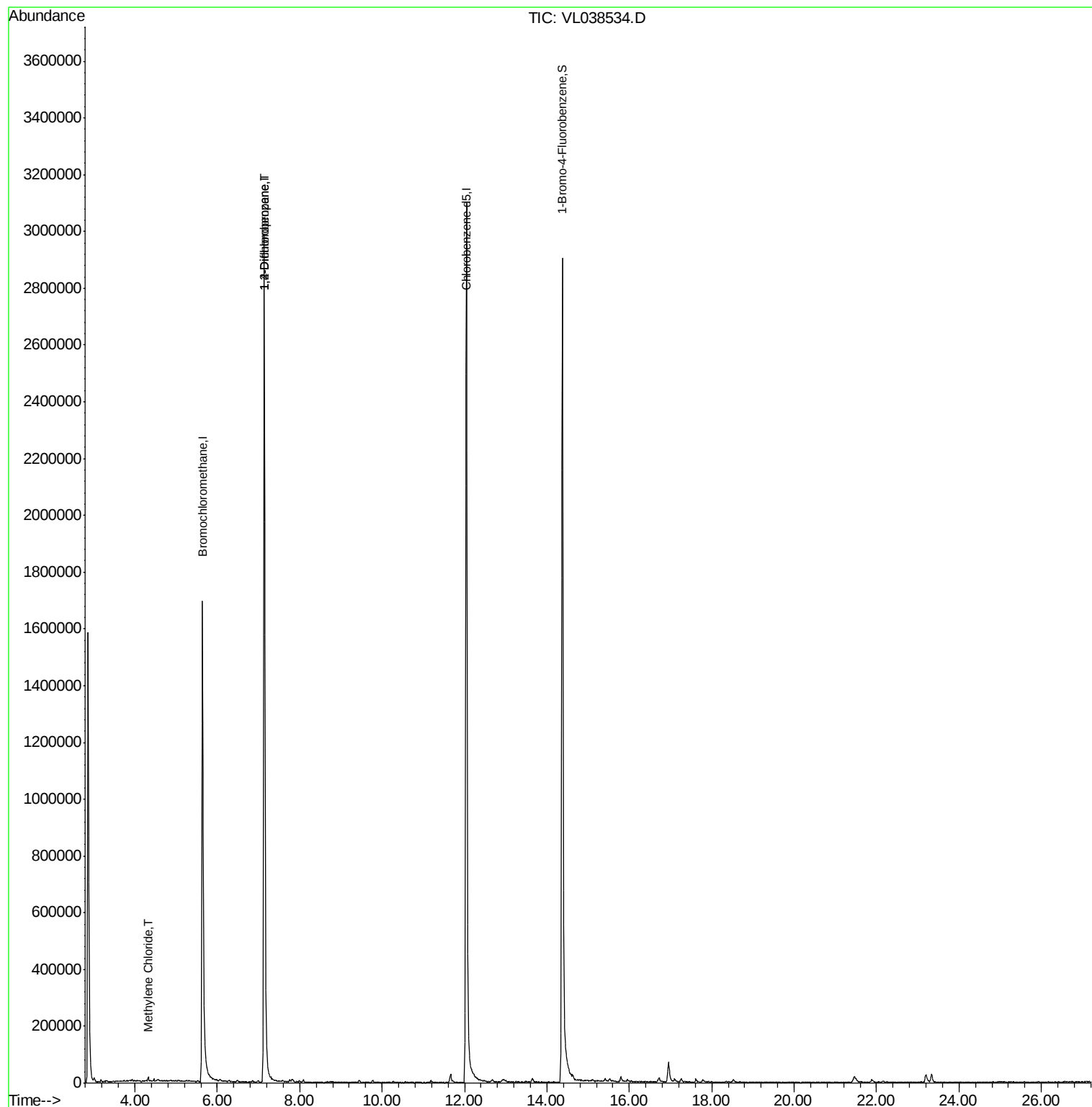
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.32	84	2650	0.061	ppbv #	63
39) 1,2-Dichloropropane	7.14	63	676787	7.694	ppbv #	25

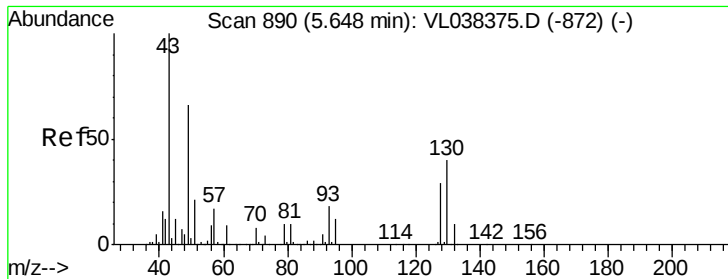
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 15:00

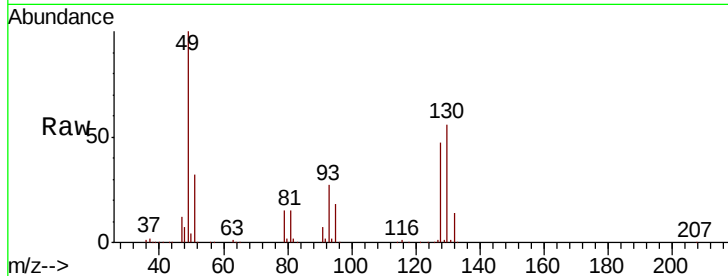
Tot Ion: 49 Resp: 1033804

Ion Ratio Lower Upper

49 100

128 49.2 24.3 72.9

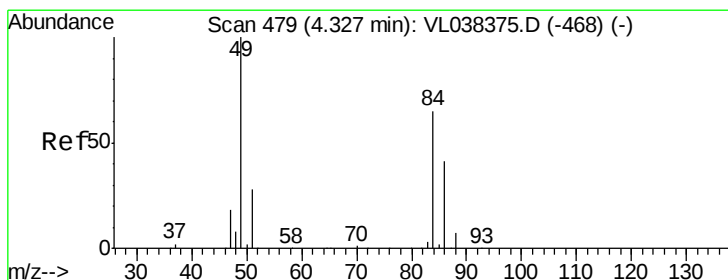
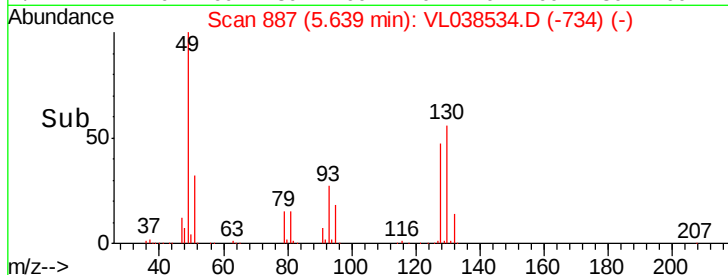
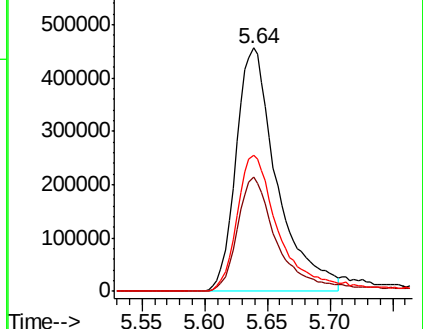
130 60.8 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#20

Methylene Chloride

Concen: 0.061 ppbv

RT: 4.32 min Scan# 478

Delta R.T. -0.00 min

Lab File: VL038534.D

Acq: 4 Mar 2022 15:06

Tgt Ion: 84 Resp: 2650

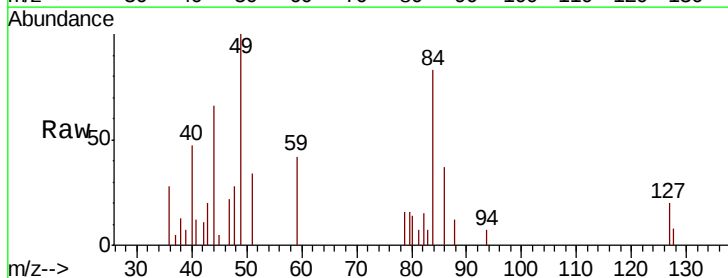
Ion Ratio Lower Upper

84 100

49 93.8 122.4 183.6#

51 29.7 33.3 49.9#

86 41.2 50.7 76.1#

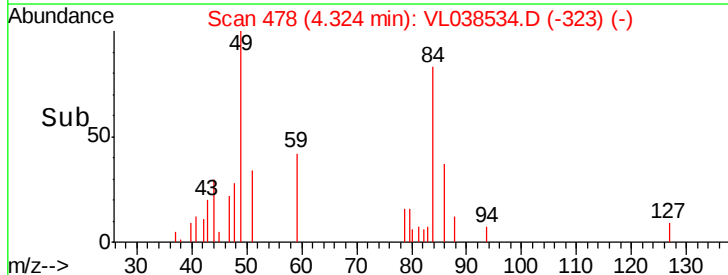
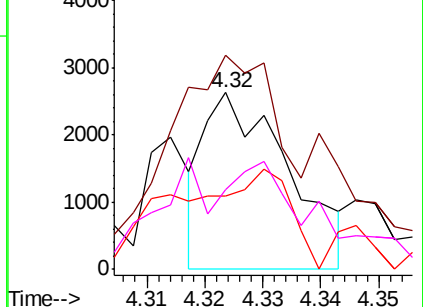


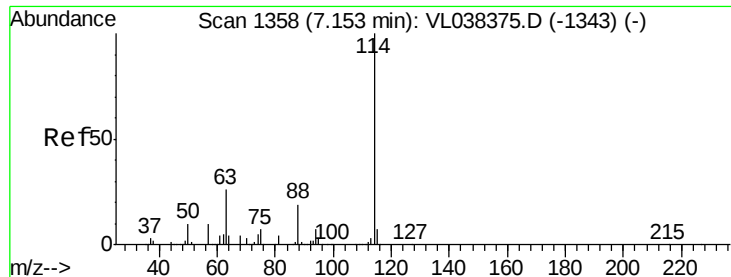
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

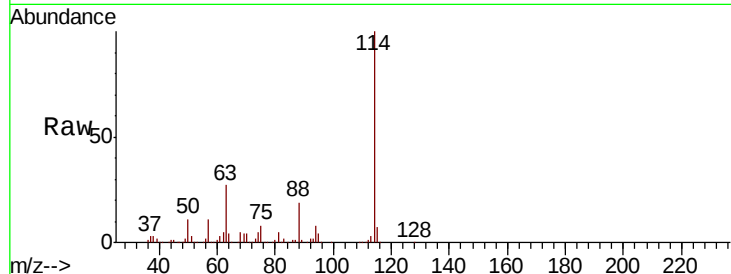
Ion 86.00 (85.70 to 86.70): VL0



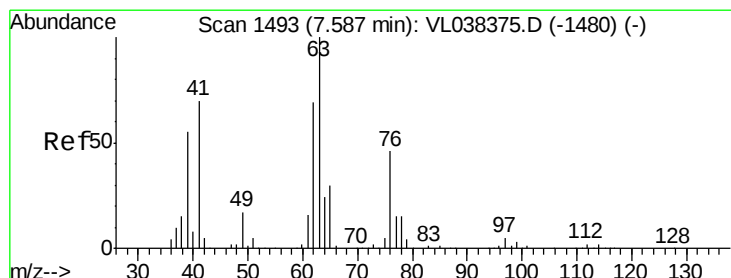
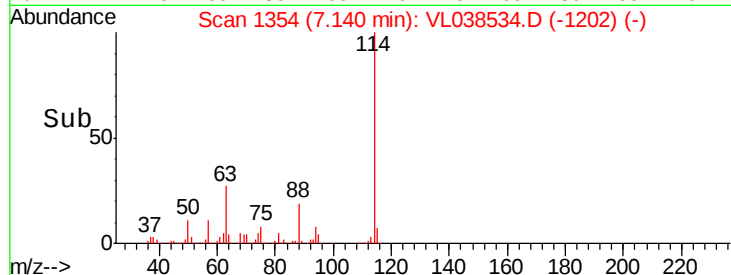
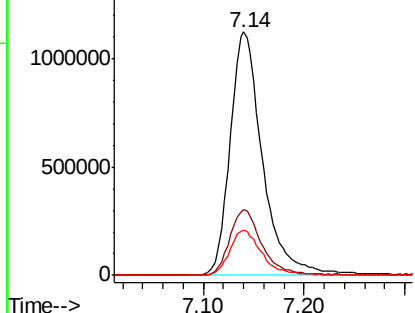


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 4 Mar 2022 15:00

Tot Ion:	114	Resp:	2508575
Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.2	33.2
88	18.9	15.2	22.8

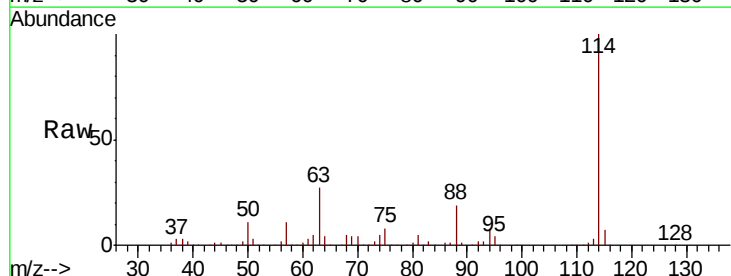


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

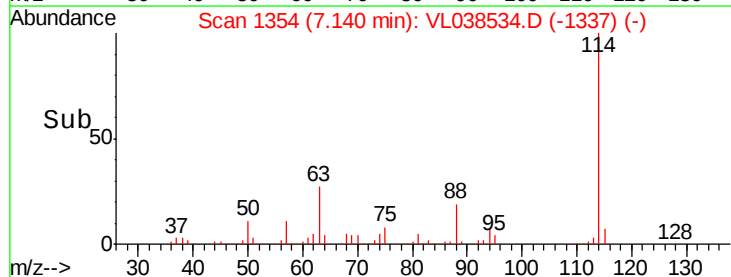
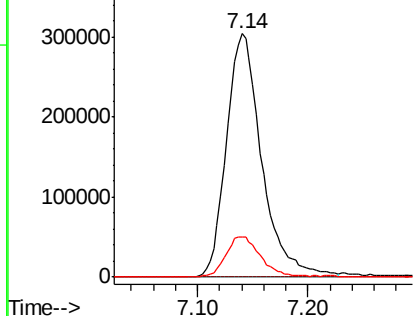


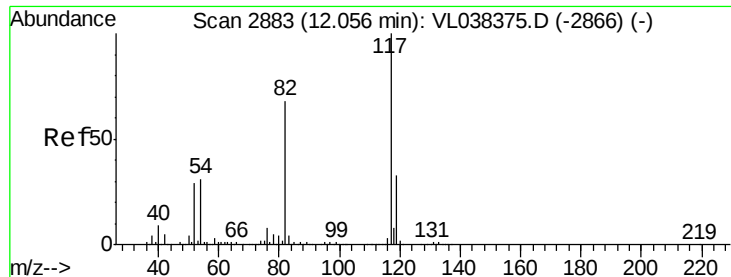
#39
 1,2-Dichloropropane
 Concen: 7.694 ppbv
 RT: 7.14 min Scan# 1354
 Delta R.T. -0.45 min
 Lab File: VL038534.D
 Acq: 4 Mar 2022 15:06

Tgt Ion:	63	Resp:	676787
Ion	Ratio	Lower	Upper
63	100		
41	0.1	56.1	84.1#
62	16.7	55.5	83.3#



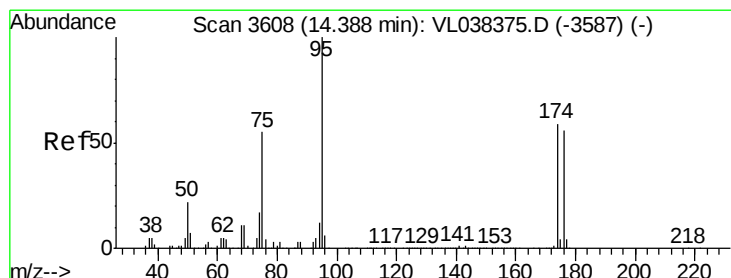
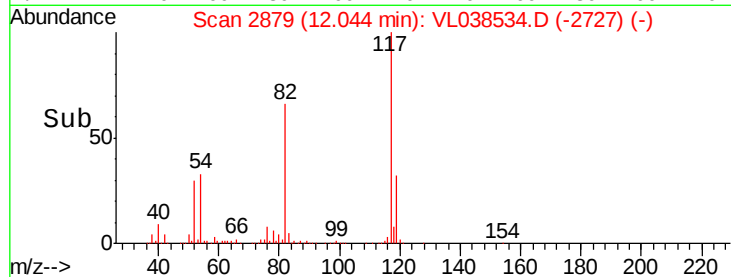
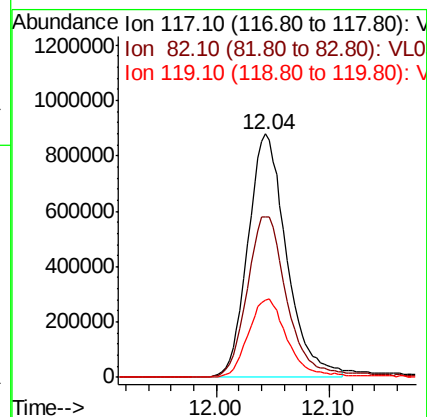
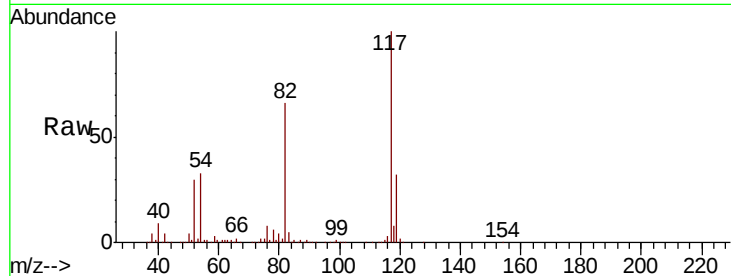
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 15:06

Tot Ion: 117 Resp: 2090387
 Ion Ratio Lower Upper
 117 100
 82 70.5 54.9 82.3
 119 33.7 46.1 69.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.565 ppbv
 RT: 14.37 min Scan# 3604
 Delta R.T.: -0.01 min
 Lab File: VL038534.D
 Acq: 4 Mar 2022 15:06

Tgt Ion: 95 Resp: 1654413
 Ion Ratio Lower Upper
 95 100
 174 58.9 49.0 73.4
 175 4.2 3.6 5.4

