

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030822\
 Data File : VL038566.D
 Acq On : 9 Mar 2022 2:04
 Operator : SY/AP
 Sample : CAN 10601
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 09 07:37:30 2022
 Quant Method : Z:\VOASRV\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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	824335	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2057725	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1779282	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1347159	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

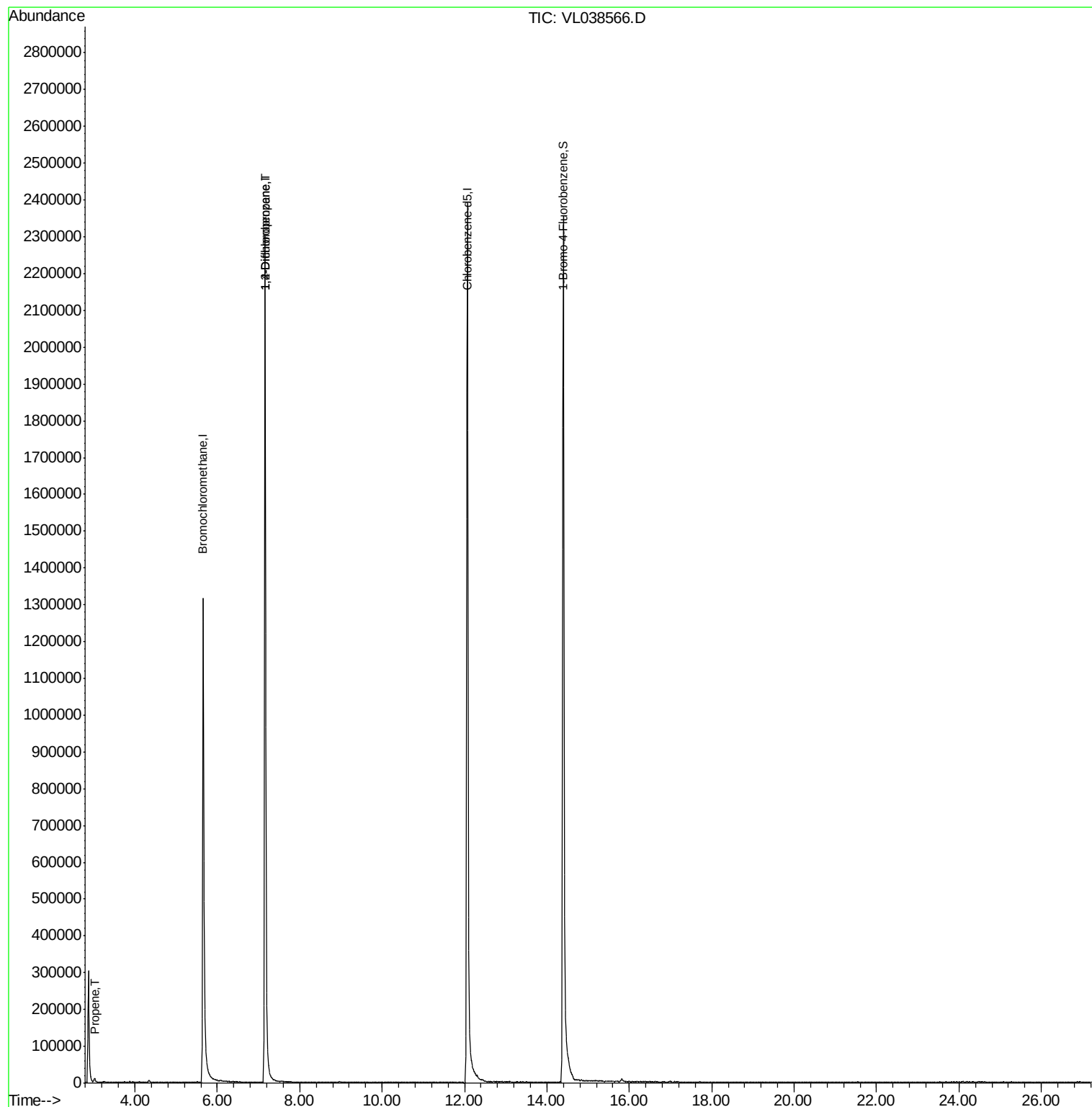
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	1927	0.038	ppbv #	15
39) 1,2-Dichloropropane	7.16	63	489730	6.858	ppbv #	27

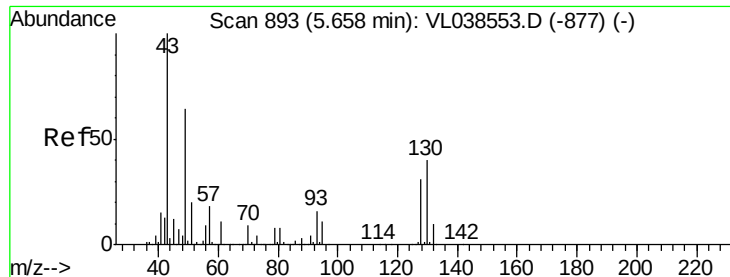
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 2:04

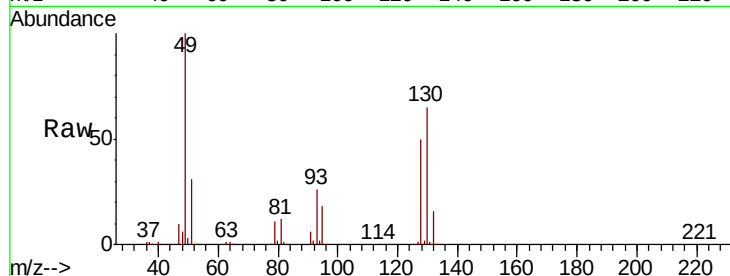
Tot Ion: 49 Resp: 824335

Ion Ratio Lower Upper

49 100

128 52.5 26.4 79.2

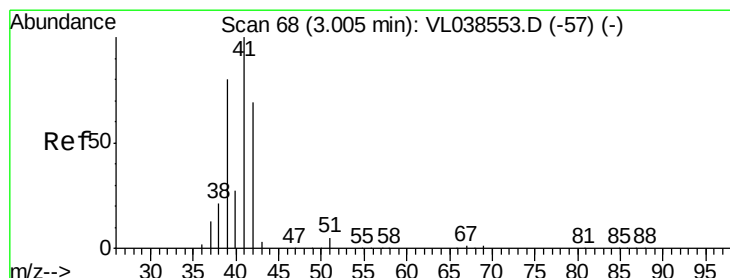
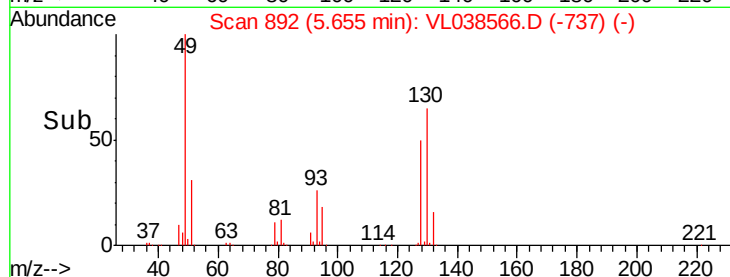
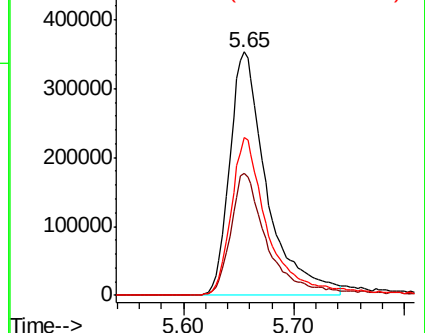
130 67.3 33.0 98.9



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



#9

Propene

Concen: 0.038 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL038566.D

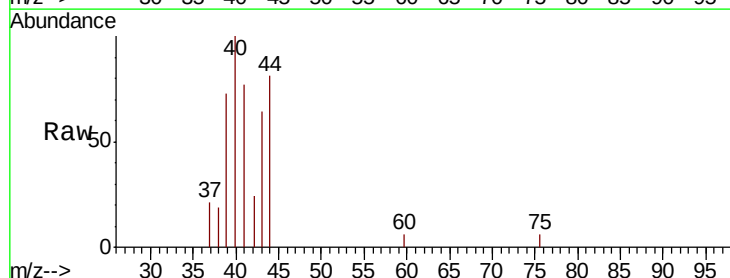
Acq: 9 Mar 2022 2:04

Tgt Ion: 41 Resp: 1927

Ion Ratio Lower Upper

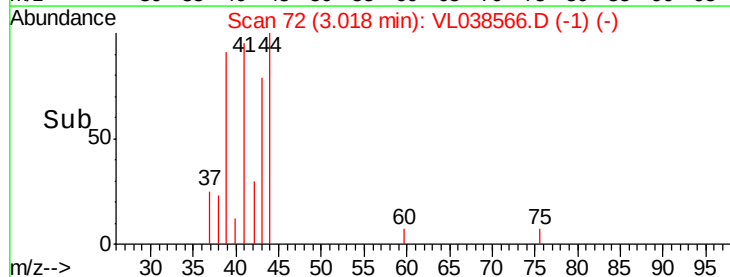
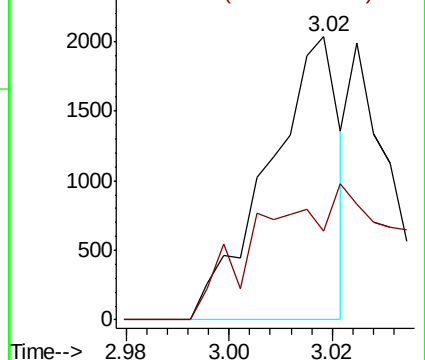
41 100

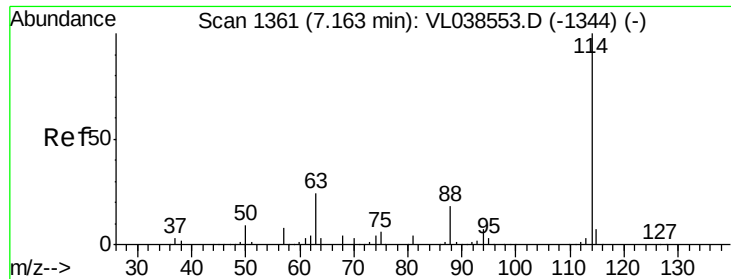
42 0.0 55.7 83.5#



Abundance Ion 41.10 (40.80 to 41.80): VL0

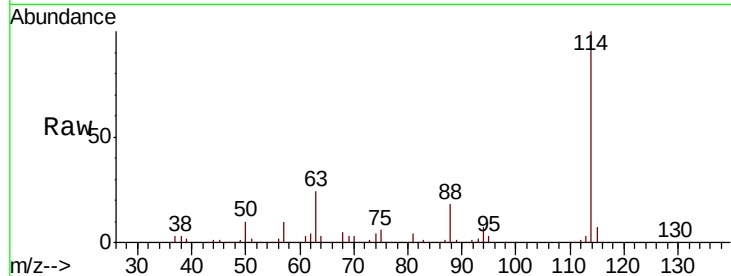
Ion 42.10 (41.80 to 42.80): VL0



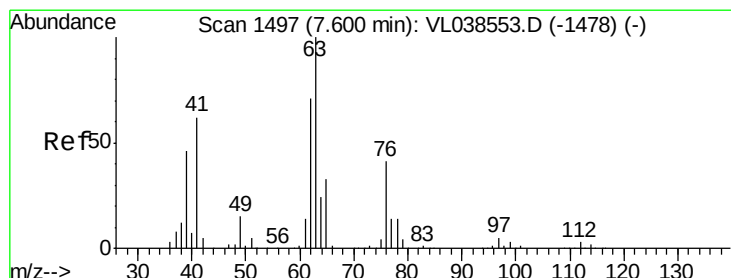
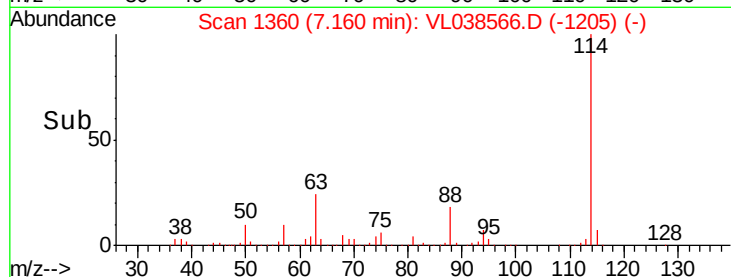
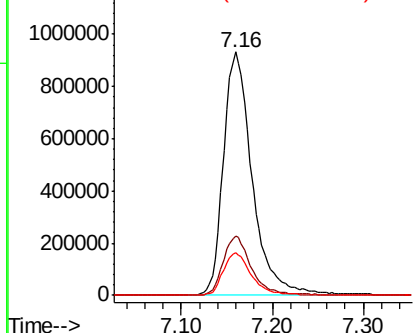


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 2:04

Tot Ion: 114 Resp: 2057725
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.6 29.4
 88 17.4 13.9 20.9

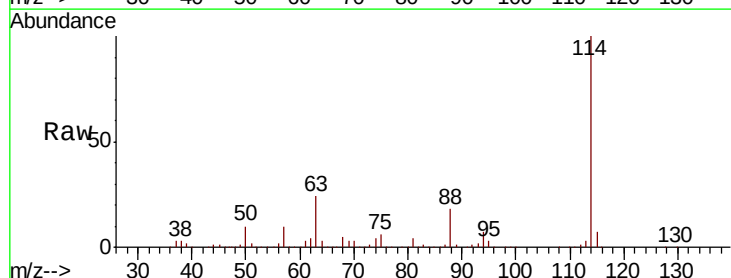


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

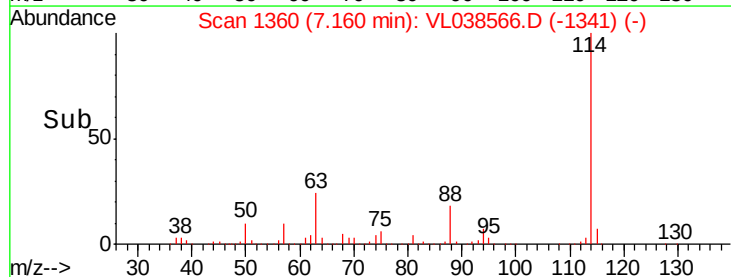
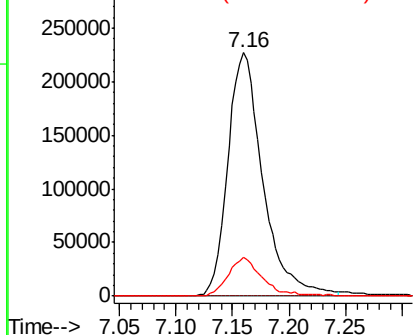


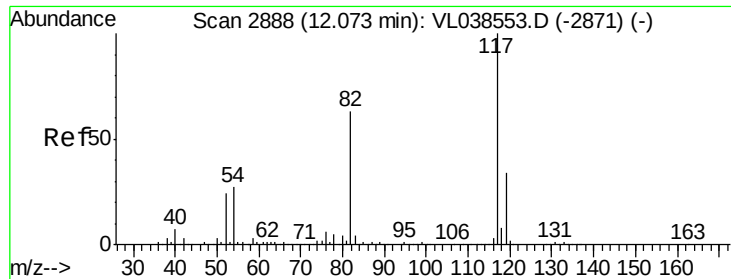
#39
 1,2-Dichloropropane
 Concen: 6.858 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.44 min
 Lab File: VL038566.D
 Acq: 9 Mar 2022 2:04

Tgt Ion: 63 Resp: 489730
 Ion Ratio Lower Upper
 63 100
 41 0.0 49.8 74.6#
 62 16.0 56.7 85.1#



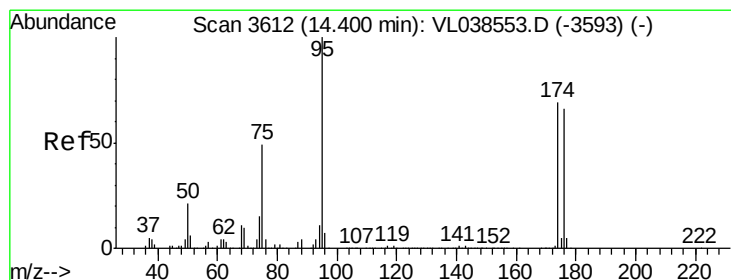
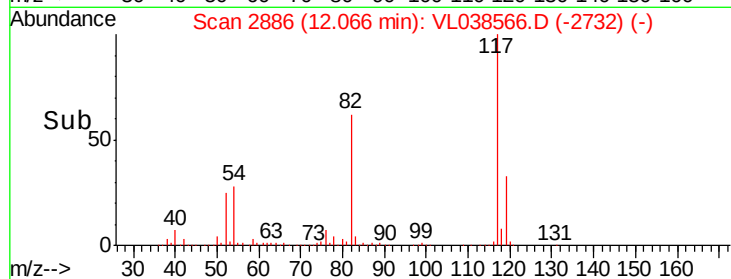
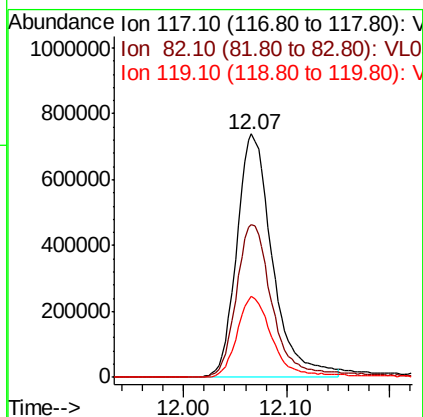
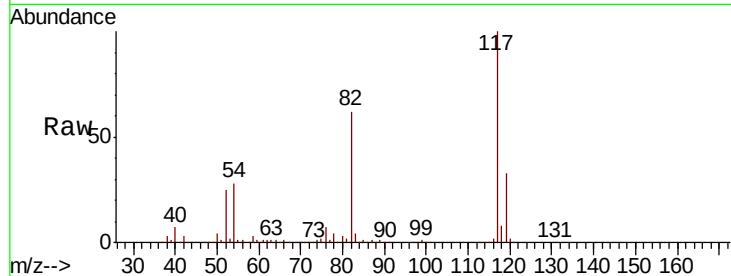
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 9 Mar 2022 2:04

Tot Ion: 117 Resp: 1779282
 Ion Ratio Lower Upper
 117 100
 82 67.0 52.5 78.7
 119 34.6 46.4 69.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.959 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.01 min
 Lab File: VL038566.D
 Acq: 9 Mar 2022 2:04

Tgt Ion: 95 Resp: 1347159
 Ion Ratio Lower Upper
 95 100
 174 71.8 56.2 84.4
 175 5.2 4.2 6.2

