

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038572.D
 Acq On : 9 Mar 2022 11:50
 Operator : SY/AP
 Sample : VL0309ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0309ABL01

Quant Time: Mar 10 00:29:51 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	5.67	49	886610	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2236306	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1923849	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1421020	9.72	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

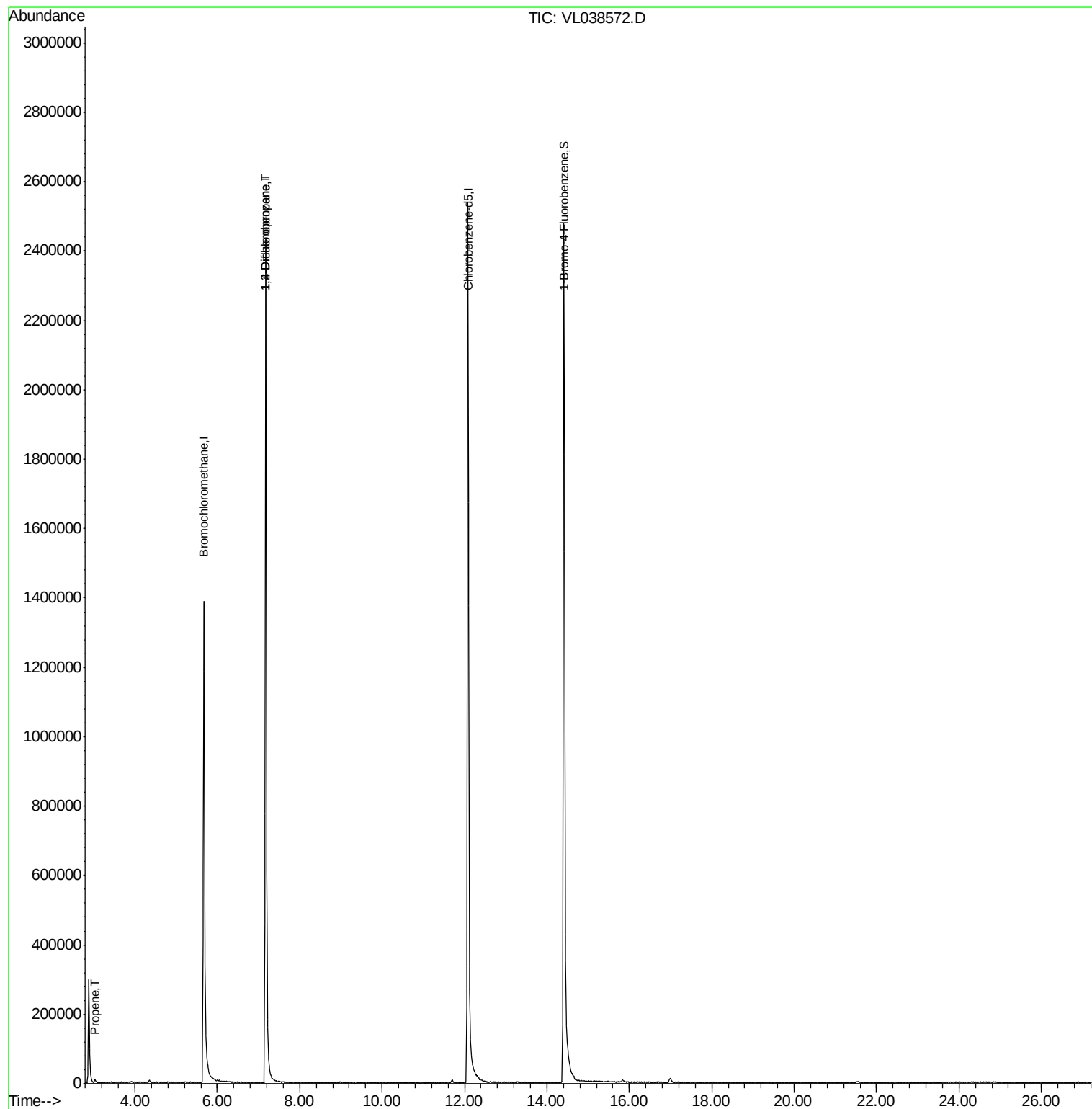
Target Compounds					Qvalue
9) Propene	3.03	41	3314	0.06	ppbv 99
39) 1,2-Dichloropropane	7.18	63	527144	6.79	ppbv # 27

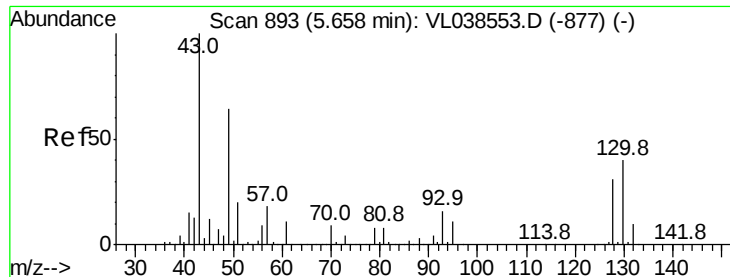
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 11:50 VL0309ABL01

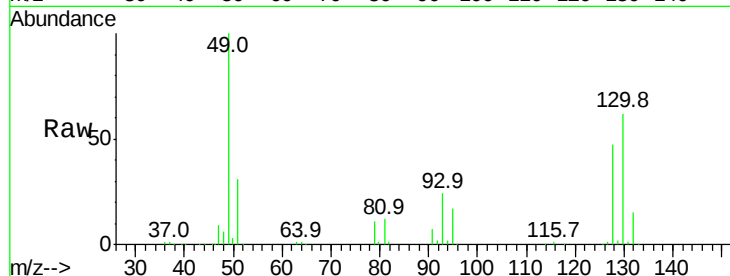
Tgt Ion: 49 Resp: 886610

Ion Ratio Lower Upper

49 100

128 51.3 26.4 79.2

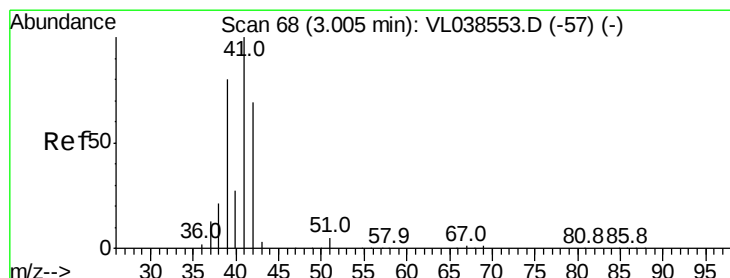
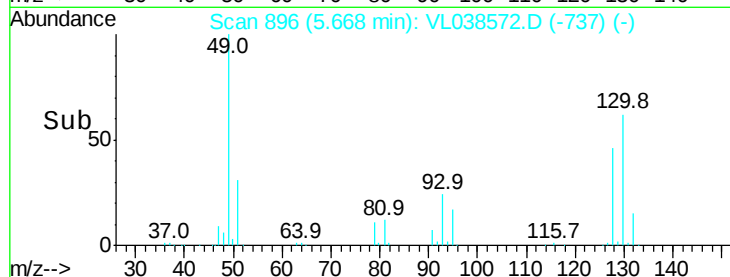
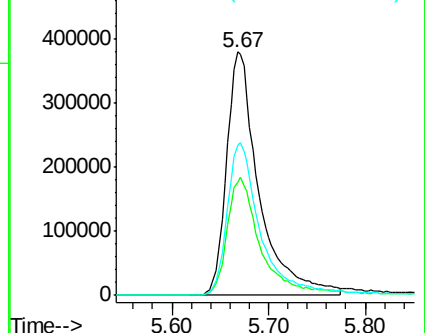
130 66.8 33.0 98.9



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



#9

Propene

Concen: 0.06 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL038572.D

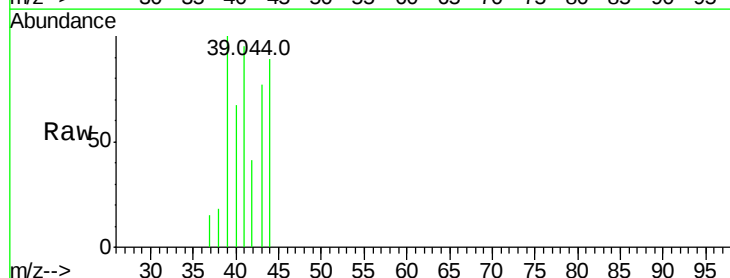
Acq: 9 Mar 2022 11:50

Tgt Ion: 41 Resp: 3314

Ion Ratio Lower Upper

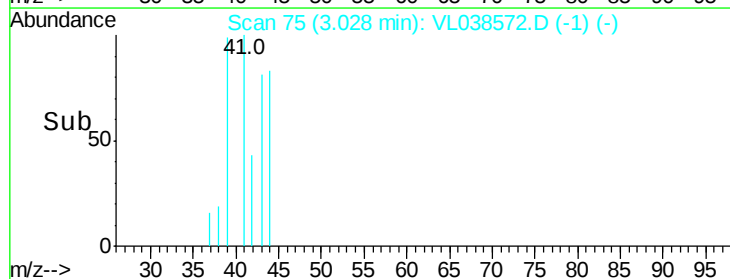
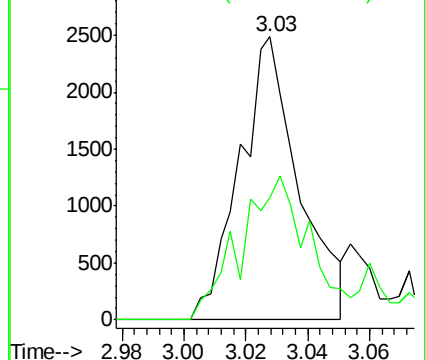
41 100

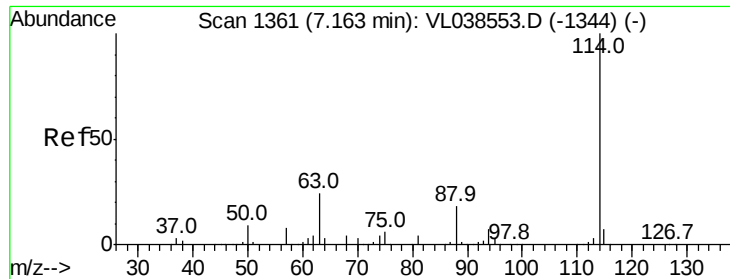
42 68.7 55.7 83.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

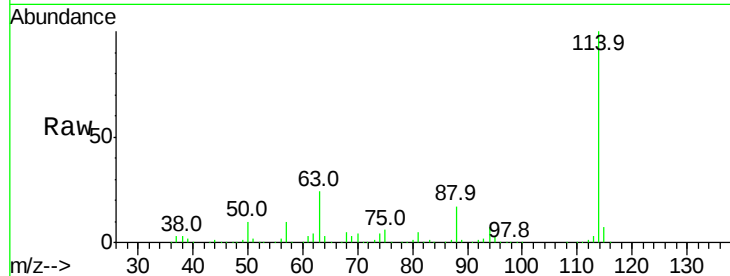
Ion 42.10 (41.80 to 42.80): VL0



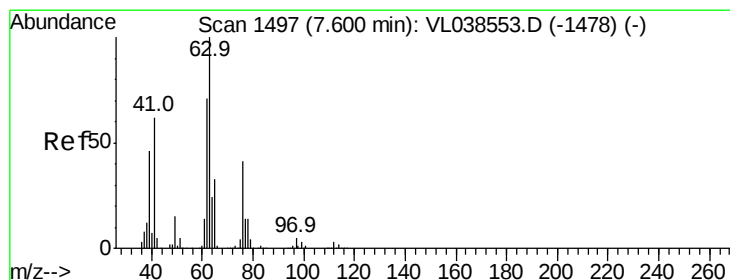
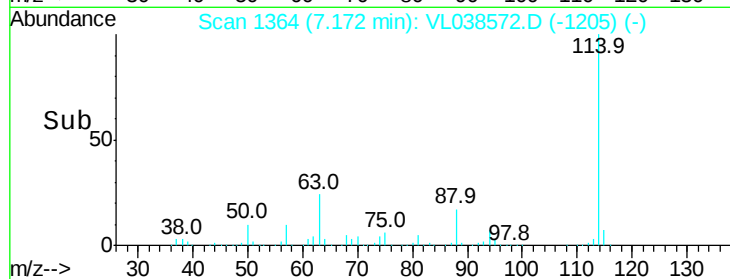
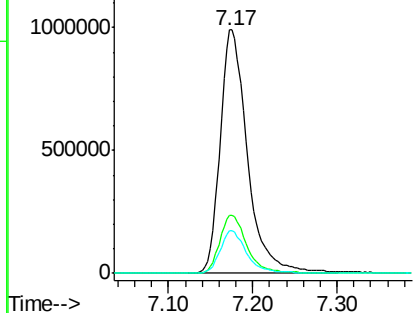


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0309ABL01
 Acq: 9 Mar 2022 11:50

Tgt Ion:114 Resp: 2236306
 Ion Ratio Lower Upper
 114 100
 63 24.0 19.6 29.4
 88 17.2 13.9 20.9

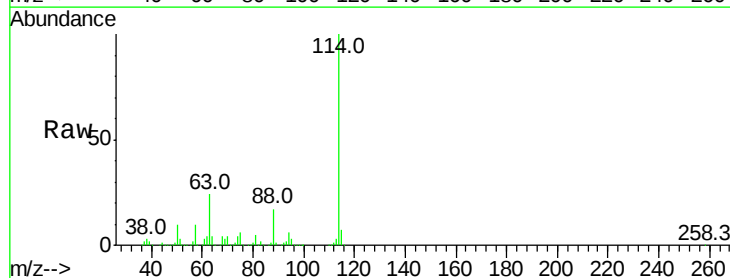


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

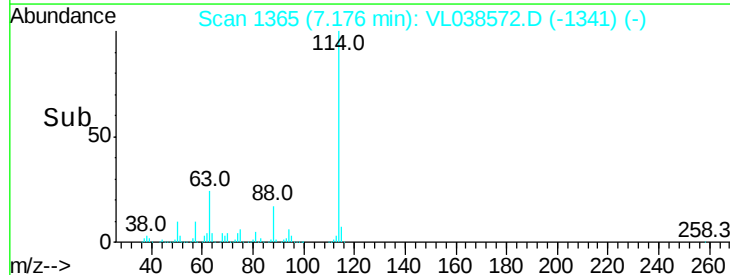
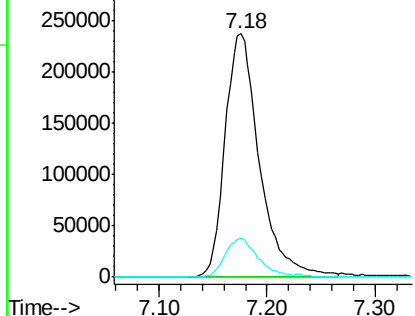


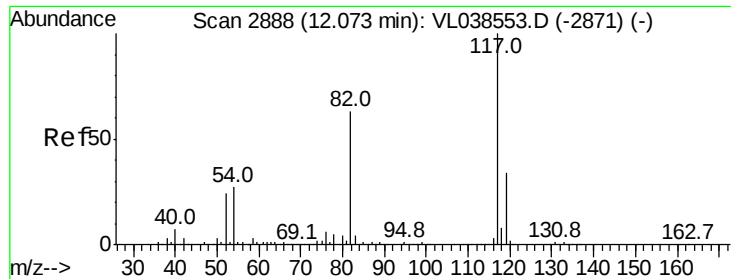
#39
 1,2-Dichloropropane
 Concen: 6.79 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.42 min
 Lab File: VL038572.D
 Acq: 9 Mar 2022 11:50

Tgt Ion: 63 Resp: 527144
 Ion Ratio Lower Upper
 63 100
 41 0.0 49.8 74.6#
 62 16.2 56.7 85.1#



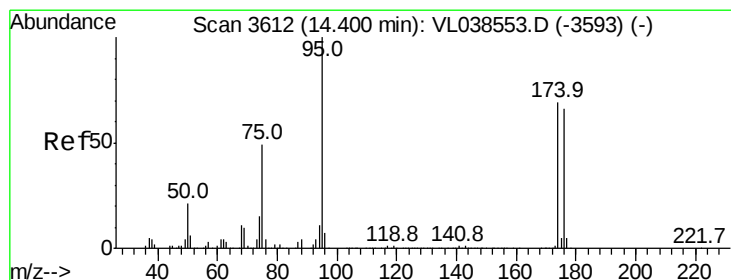
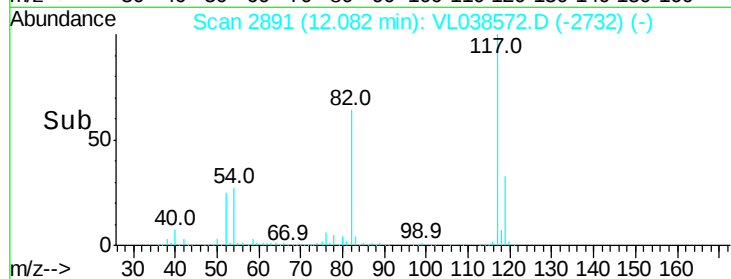
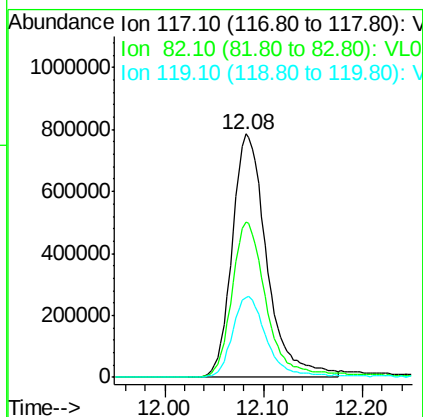
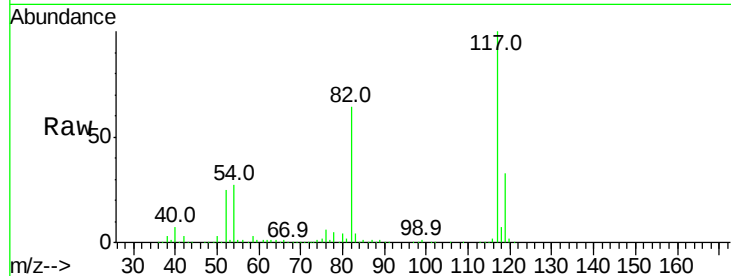
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.08 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0309ABL01
 Acq: 9 Mar 2022 11:50

Tgt Ion: 117 Resp: 1923849
 Ion Ratio Lower Upper
 117 100
 82 65.9 52.5 78.7
 119 34.2 46.4 69.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.72 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. 0.01 min
 Lab File: VL038572.D
 Acq: 9 Mar 2022 11:50

Tgt Ion: 95 Resp: 1421020
 Ion Ratio Lower Upper
 95 100
 174 72.9 56.2 84.4
 175 5.2 4.2 6.2

