

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030822\
 Data File : VL038564.D
 Acq On : 9 Mar 2022 00:49
 Operator : SY/AP
 Sample : CAN 10445
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 09 07:37:19 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	816755	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2084124	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1793519	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1295010	9.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.00%

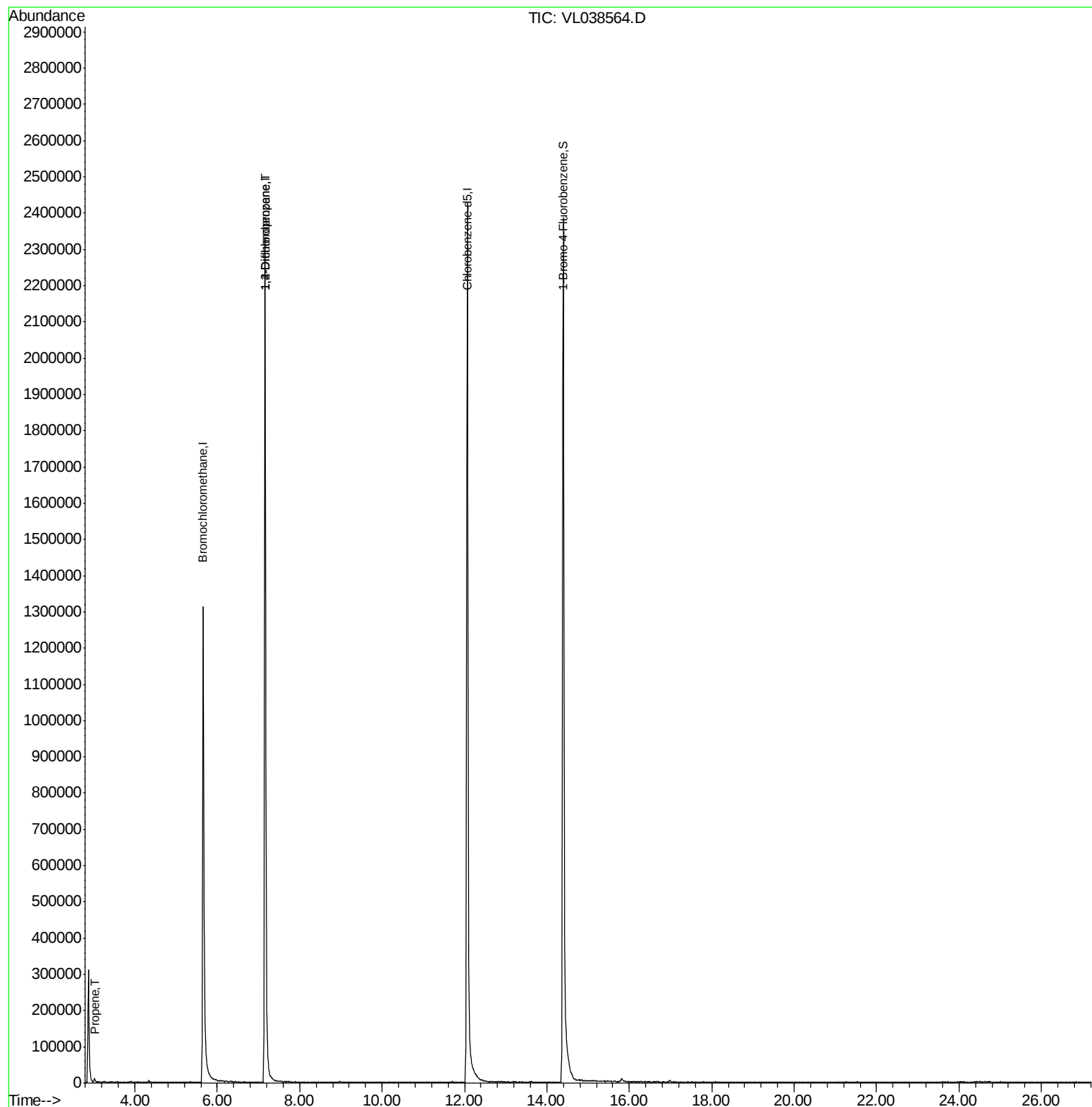
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2037	0.040	ppbv #	58
39) 1,2-Dichloropropane	7.16	63	485261	6.709	ppbv #	27

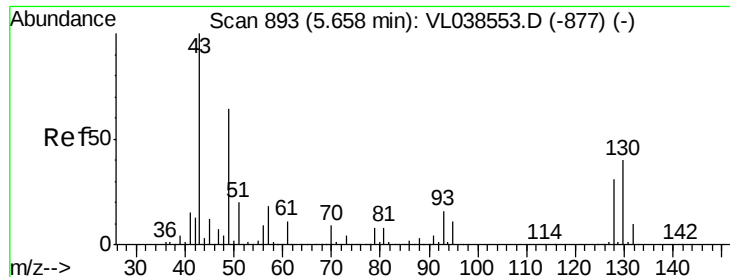
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 00:49

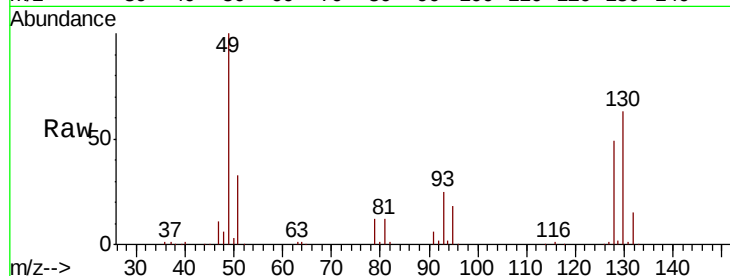
Tot Ion: 49 Resp: 816755

Ion Ratio Lower Upper

49 100

128 52.8 26.4 79.2

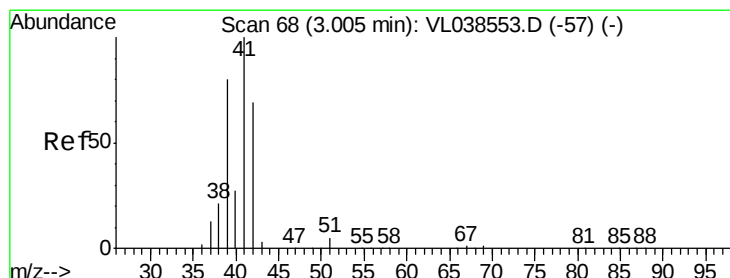
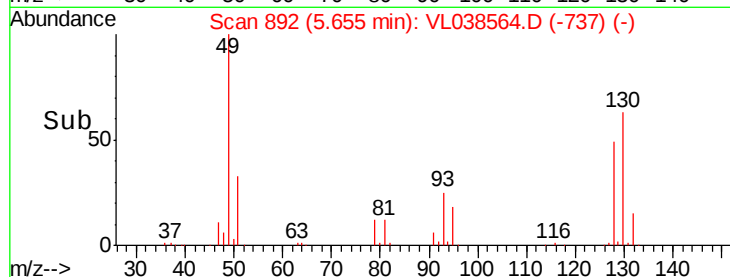
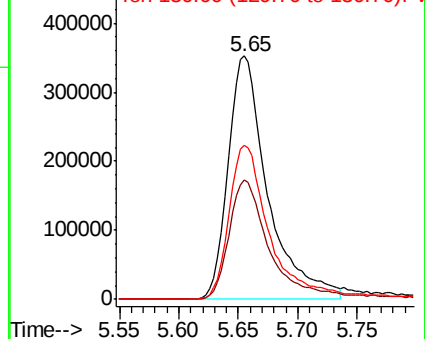
130 67.7 33.0 98.9



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: 0.040 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL038564.D

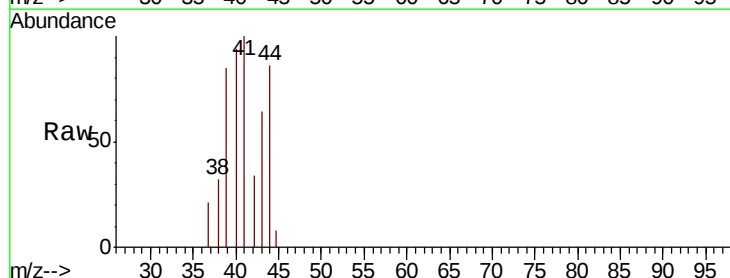
Acq: 9 Mar 2022 00:49

Tgt Ion: 41 Resp: 2037

Ion Ratio Lower Upper

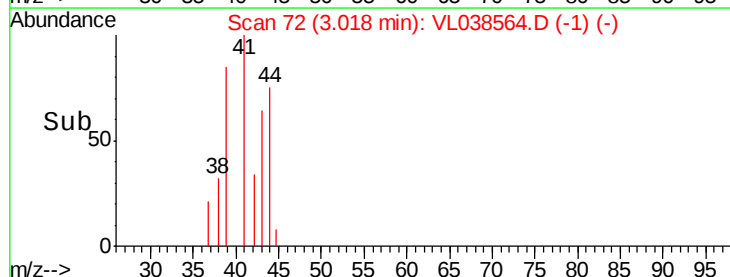
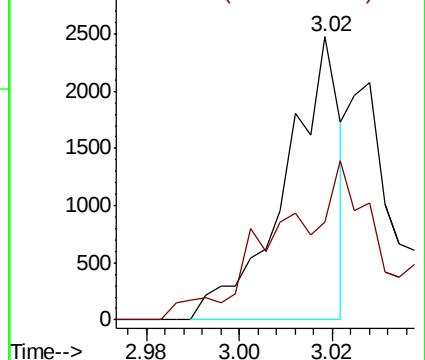
41 100

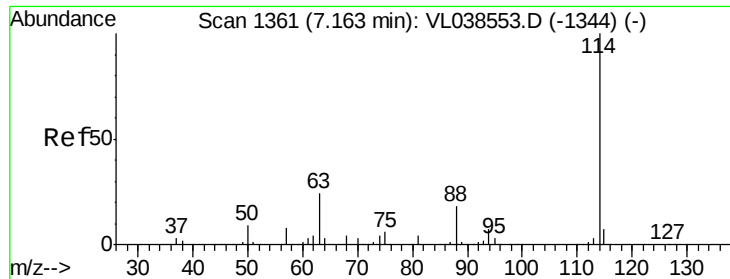
42 104.3 55.7 83.5#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

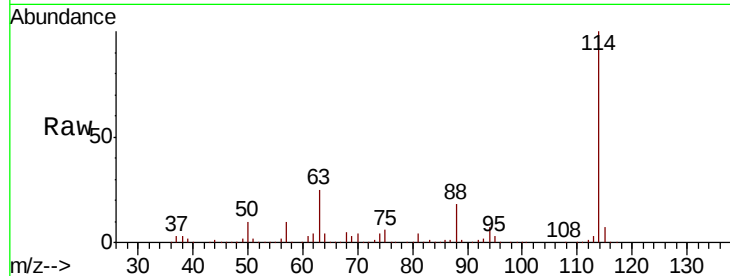




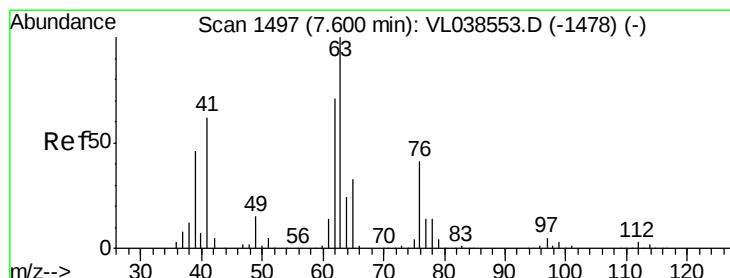
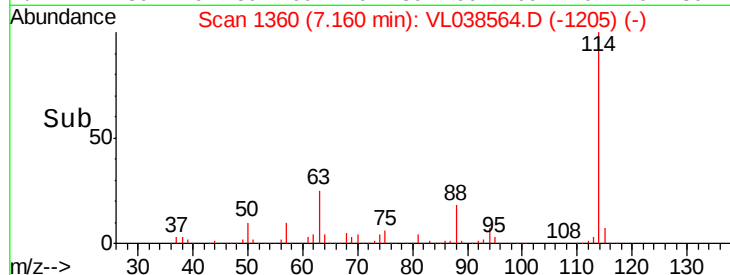
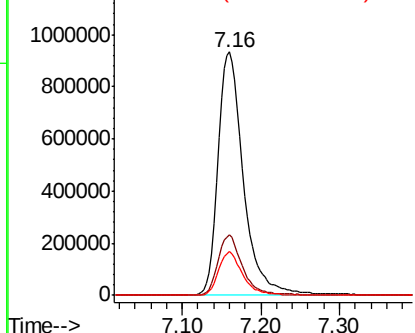
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 00:49

Tot Ion: 114 Resp: 2084124

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.6	29.4
88	17.2	13.9	20.9



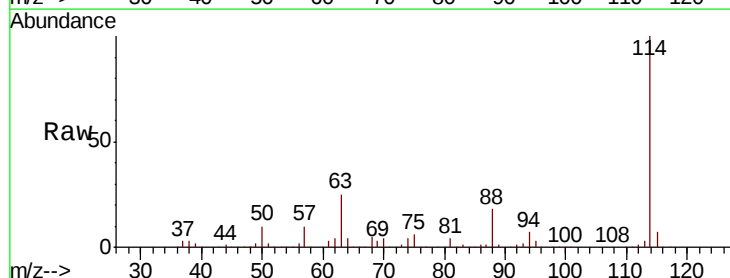
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



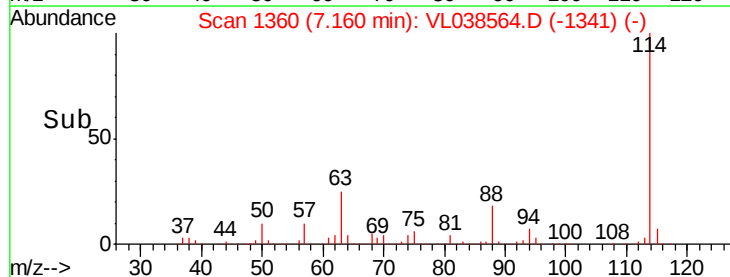
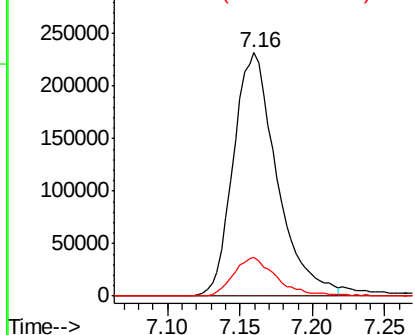
#39
 1,2-Dichloropropane
 Concen: 6.709 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.44 min
 Lab File: VL038564.D
 Acq: 9 Mar 2022 00:49

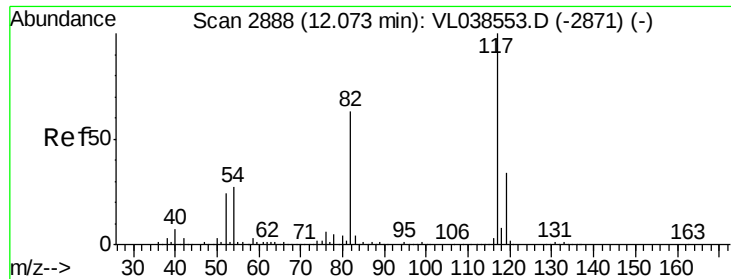
Tgt Ion: 63 Resp: 485261

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	15.8	56.7	85.1#



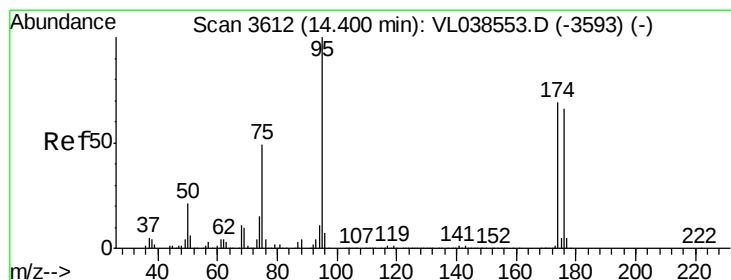
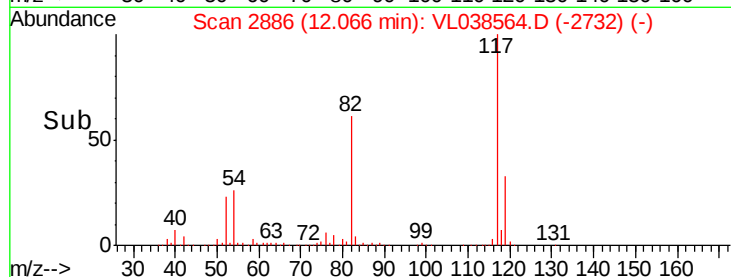
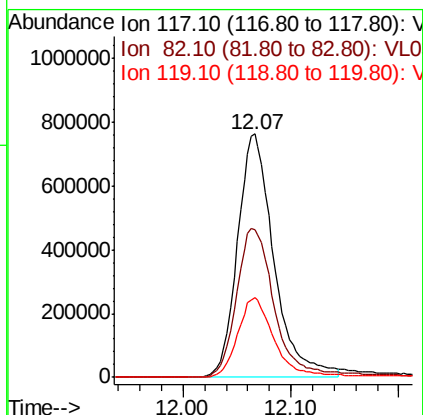
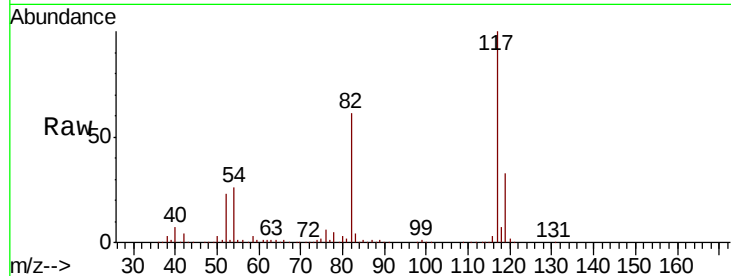
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 00:49

Tot Ion: 117 Resp: 1793519
Ion Ratio Lower Upper
117 100
82 67.4 52.5 78.7
119 33.9 46.4 69.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.497 ppbv
RT: 14.40 min Scan# 3611
Delta R.T.: -0.00 min
Lab File: VL038564.D
Acq: 9 Mar 2022 00:49

Tgt Ion: 95 Resp: 1295010
Ion Ratio Lower Upper
95 100
174 76.2 56.2 84.4
175 5.4 4.2 6.2

