

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038513.D
 Acq On : 3 Mar 2022 14:23
 Operator : SY/AP
 Sample : CAN 10116
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10116

Quant Time: Mar 04 04:33:28 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	5.66	49	797834	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	1781910	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.07	117	1582619	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1284378	9.81	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

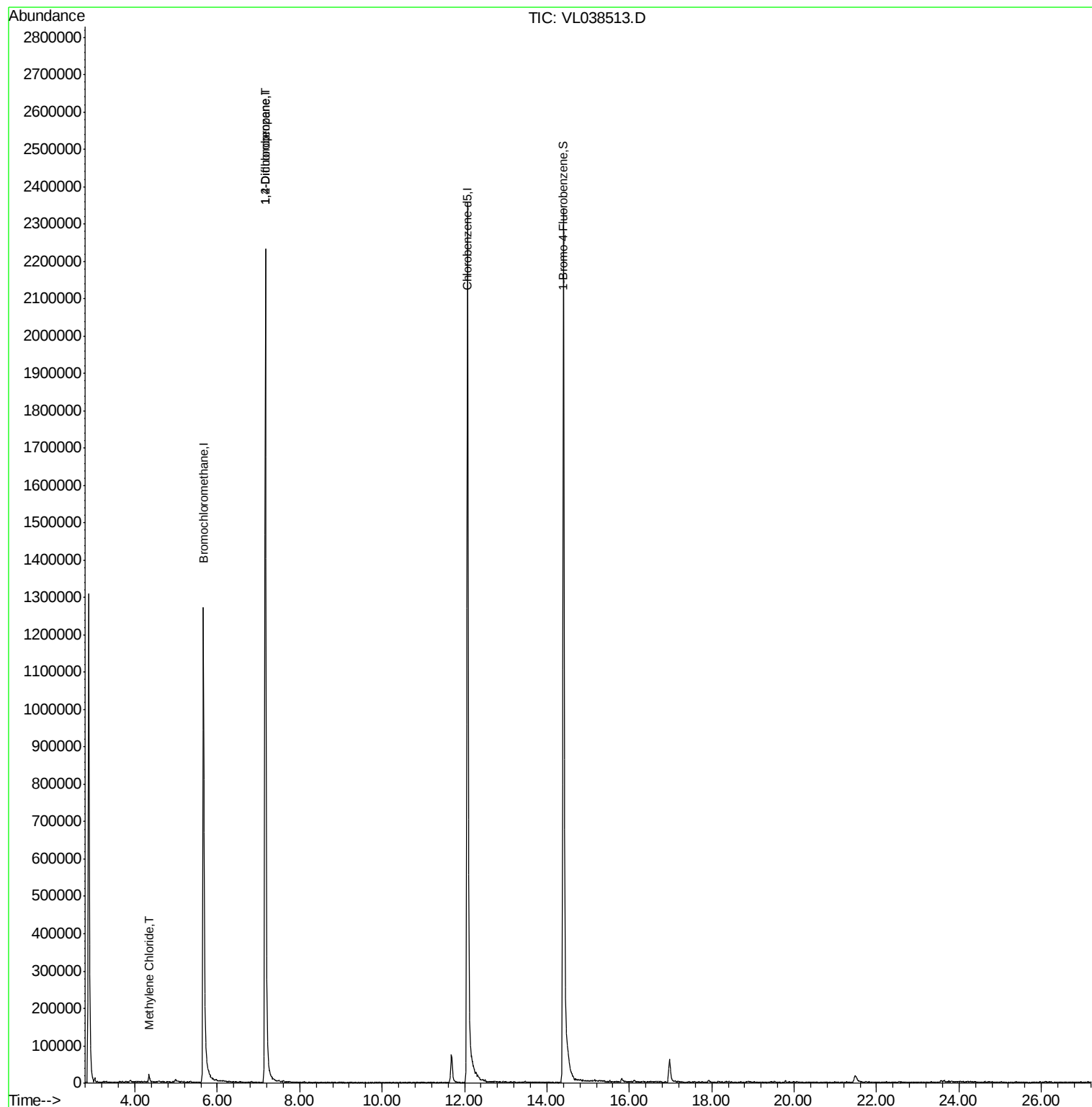
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.34	84	3919	0.117	ppbv #	85
39) 1,2-Dichloropropane	7.17	63	491526	7.867	ppbv #	26

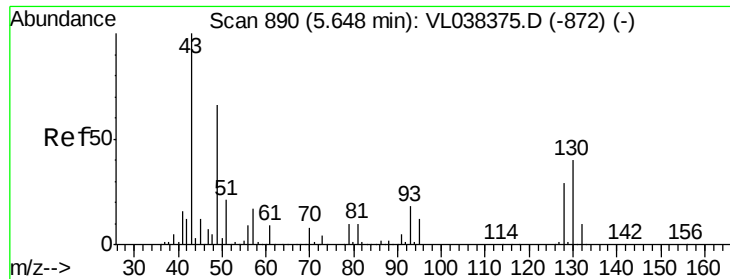
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN 10116

Acq: 3 Mar 2022 14:23

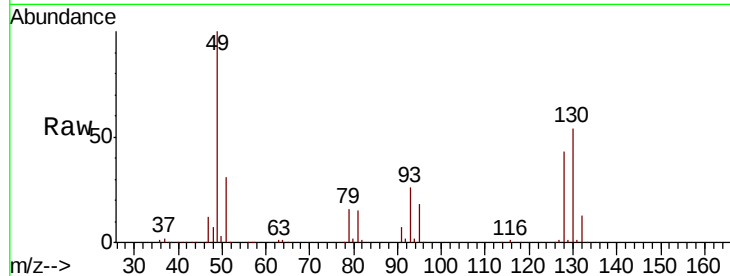
Tot Ion: 49 Resp: 797834

Ion Ratio Lower Upper

49 100

128 45.3 24.3 72.9

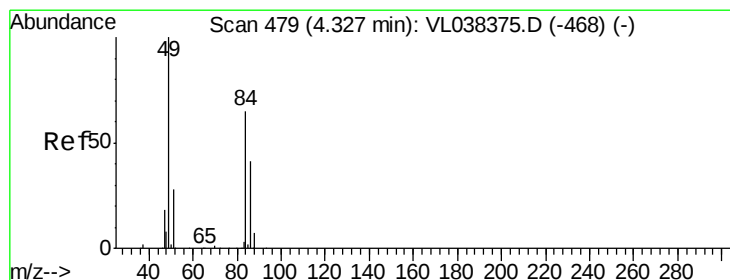
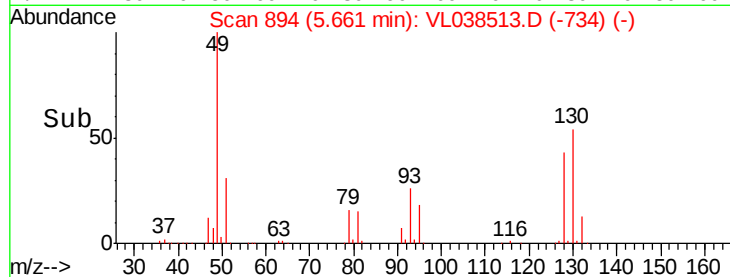
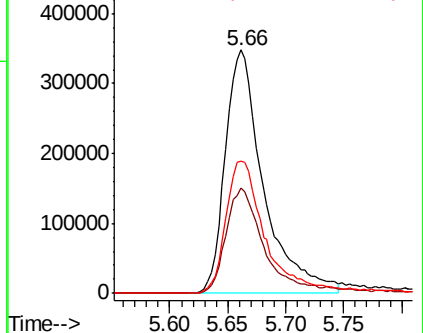
130 58.0 30.1 90.5



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: 0.117 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.02 min

Lab File: VL038513.D

Acq: 3 Mar 2022 14:23

Tgt Ion: 84 Resp: 3919

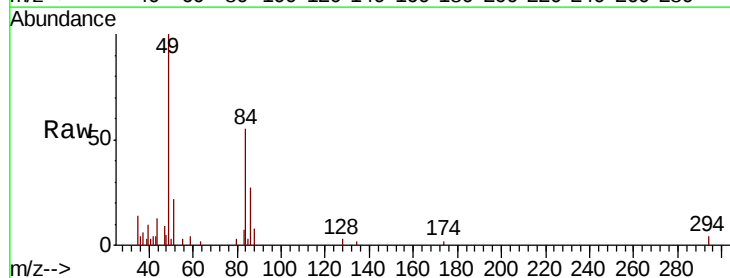
Ion Ratio Lower Upper

84 100

49 171.4 122.4 183.6

51 36.4 33.3 49.9

86 46.4 50.7 76.1#

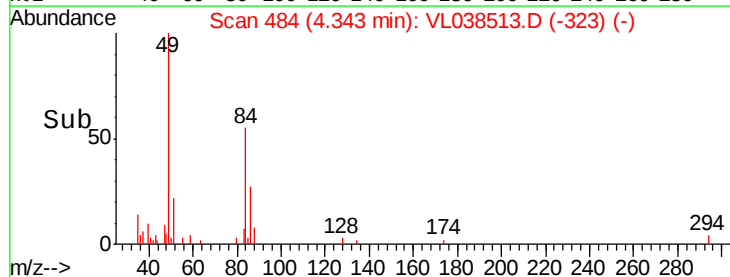
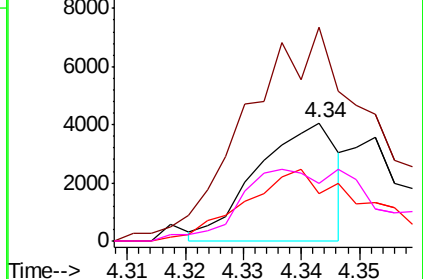


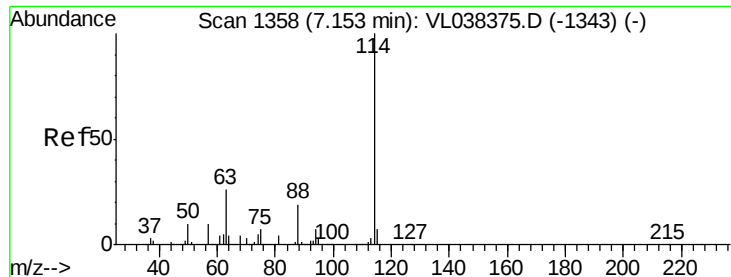
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

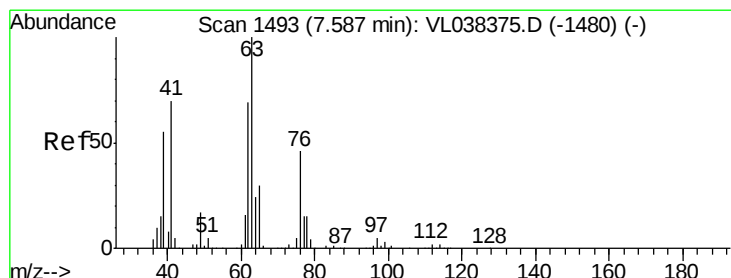
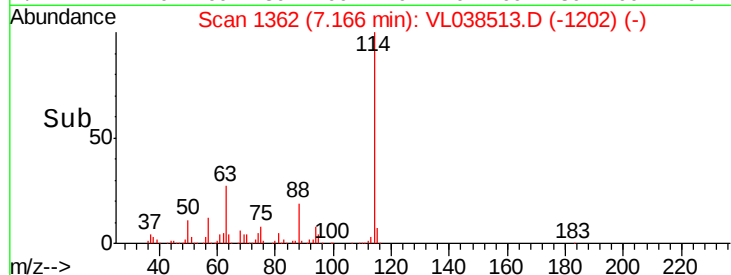
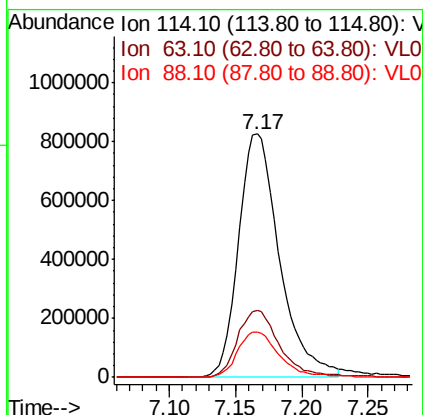
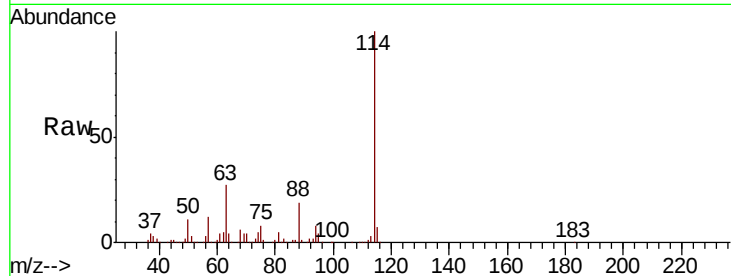




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 14:23

Tot Ion: 114 Resp: 1781910

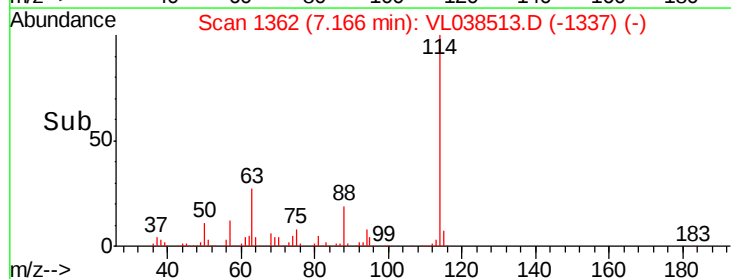
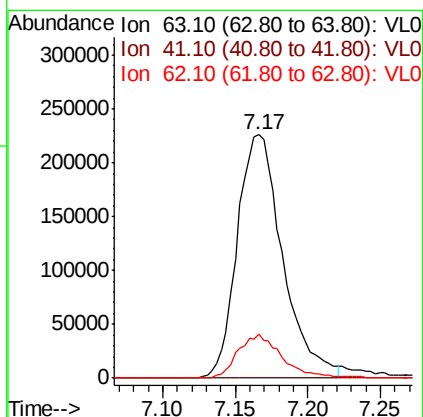
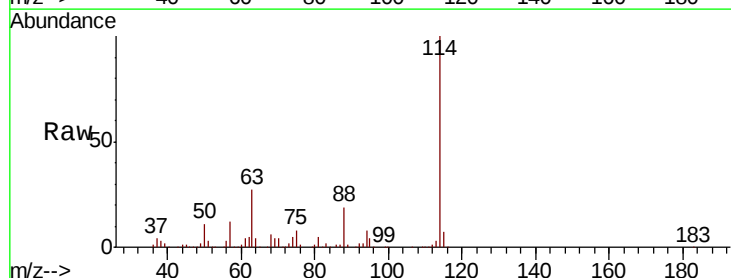
Ion	Ratio	Lower	Upper
114	100		
63	29.0	22.2	33.2
88	19.6	15.2	22.8

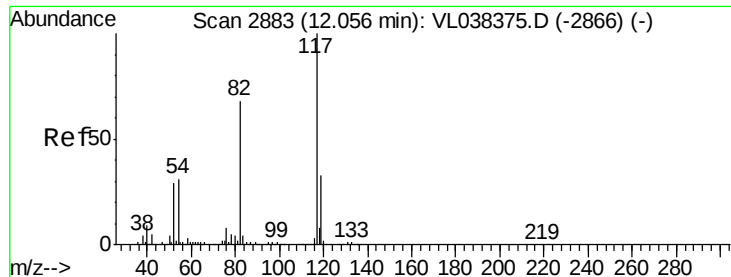


#39
 1,2-Dichloropropane
 Concen: 7.867 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.42 min
 Lab File: VL038513.D
 Acq: 3 Mar 2022 14:23

Tgt Ion: 63 Resp: 491526

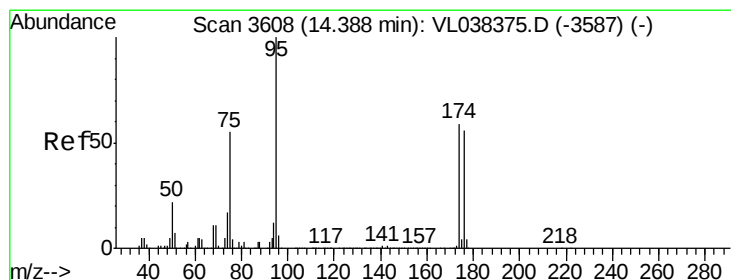
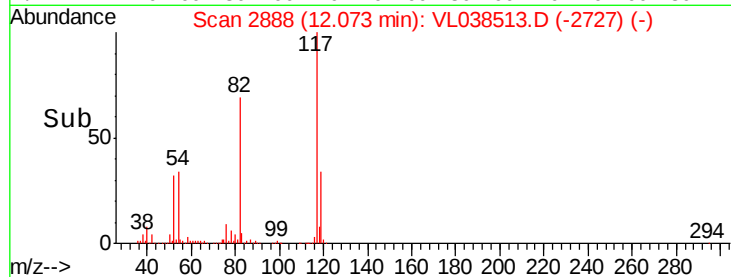
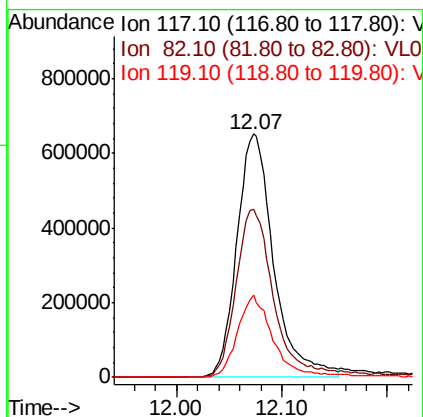
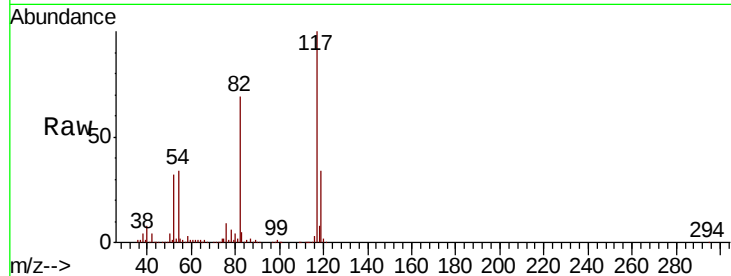
Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	18.1	55.5	83.3#





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 14:23

Tot Ion: 117 Resp: 1582619
 Ion Ratio Lower Upper
 117 100
 82 74.9 54.9 82.3
 119 33.8 46.1 69.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.808 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T.: 0.01 min
 Lab File: VL038513.D
 Acq: 3 Mar 2022 14:23

Tgt Ion: 95 Resp: 1284378
 Ion Ratio Lower Upper
 95 100
 174 60.3 49.0 73.4
 175 4.4 3.6 5.4

